

Converting Colors

$Yxy(91.7390, 0.3078, 0.3325)$

Have a look what the booklet for
Yxy(91.7390, 0.3078, 0.3325)
contains.

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Color

Yxy(91.7319, 0.3075, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	EDF8F5
RGB	237, 248, 245
RGB Percent	93%, 97%, 96%
CMY	0.0707, 0.0274, 0.0392
CMYK	0.04, 0.00, 0.01, 0.03
HSL	164°, 44%, 95%
HSV	164°, 4%, 97%
XYZ	84.9625, 91.7319, 99.6065
YIQ	244.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

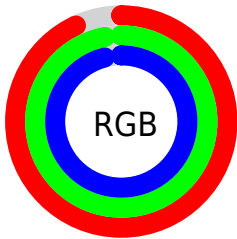
Format	Color
R _Y B	237, 243, 248
Decimal	15595765
CIE Lab	96.71, -4.17, 0.18
CIE LCh	97, 4.174, 177.558
Yxy	91.7319, 0.3075, 0.3320
Android (android.graphics.Color)	4293785845 (0xFFEDF8F5)
YUV	244.3690, 0.3111, -6.4626
Hunter-Lab	95.7768, -9.2640, 5.3830

Details

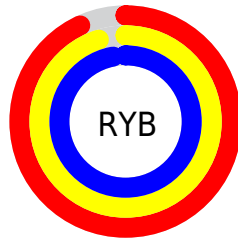
The Yxy color **91.7319, 0.3075, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.7959, 0.3182, 0.3260**, and the grayscale version is **90.7761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1972, 0.3061, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **87.3517, 0.2961, 0.3393**, and if you desaturate by 10%, it is **95.4203, 0.3149, 0.3254**.

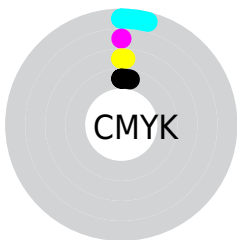
Distribution



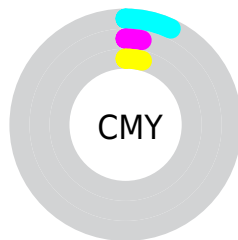
- Red (93%)
- Green (97%)
- Blue (96%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7319, 0.3075, 0.3320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.7319, 0.3075, 0.3320 by changing the saturation by 10% instead.

 91.7319, 0.3075,
0.3320

 91.7319, 0.3075,
0.3320


533.6487, 0.3098,
0.3307

 69.4180, 0.3070,
0.3323

149.7418, 0.3083,
0.3316

 51.0522, 0.3064,
0.3326


186.2065, 0.3086,
0.3314

 36.2501, 0.3056,
0.3331


228.1569, 0.3089,
0.3312

 24.6274, 0.3046,
0.3336

275.9775, 0.3091,
0.3311

 15.7997, 0.3033,
0.3344

330.0525, 0.3093,
0.3310

 9.3825, 0.3016,
0.3354

390.7665, 0.3095,

 4.9915, 0.2989,

0.3309

0.3369

458.5037, 0.3097,
0.3308

■ 2.2423, 0.2947,
0.3393

■ 0.7429, 0.2819,
0.3466

■ 91.7319, 0.3075,
0.3320

■ 91.7319, 0.3075,
0.3320

■ 87.3517, 0.2961,
0.3393


■ 95.4203, 0.3149,
0.3254

■ 83.5490, 0.2853,
0.3472

■ 95.6260, 0.3130,
0.3223


■ 80.3017, 0.2754,
0.3559

■ 77.5819, 0.2667,
0.3652

 75.3594, 0.2595,
0.3750

 73.6005, 0.2540,
0.3852

 72.2675, 0.2506,
0.3956

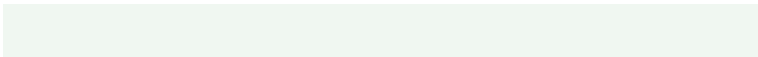
 71.3165, 0.2491,
0.4060

 70.6940, 0.2497,
0.4164

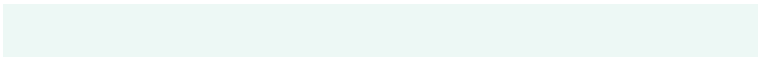
Harmonies

Analogous

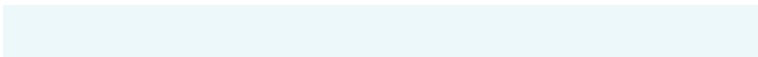
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7319, 0.3119, 0.3354



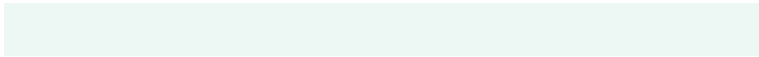
91.7319, 0.3075, 0.3320



91.7319, 0.3045, 0.3278

Triad

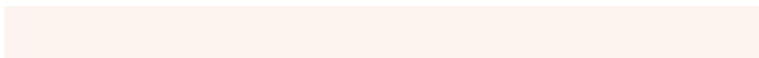
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7319, 0.3075, 0.3320



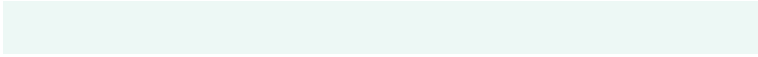
91.7319, 0.3089, 0.3211



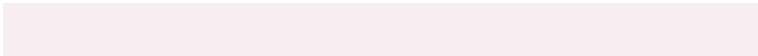
91.7319, 0.3218, 0.3340

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



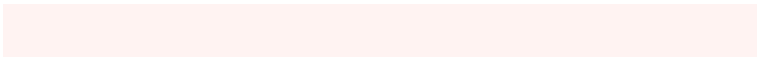
91.7319, 0.3075, 0.3320



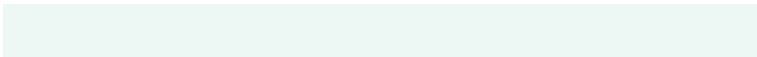
86.7959, 0.3182, 0.3260

Split Complementary

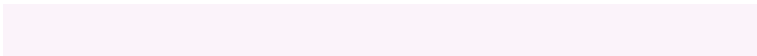
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7319, 0.3210, 0.3301



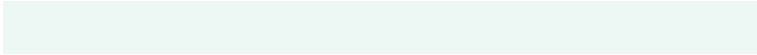
91.7319, 0.3075, 0.3320



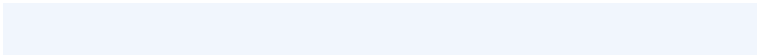
91.7319, 0.3135, 0.3228

Square

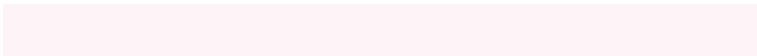
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.7319, 0.3075, 0.3320



91.7319, 0.3053, 0.3216



91.7319, 0.3180, 0.3261



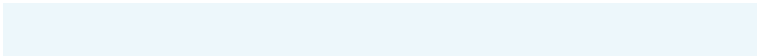
91.7319, 0.3202, 0.3365

Rectangle

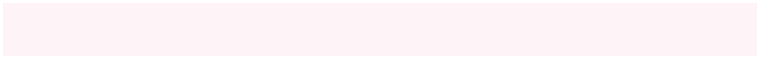
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



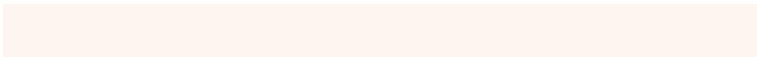
91.7319, 0.3075, 0.3320



91.7319, 0.3037, 0.3252



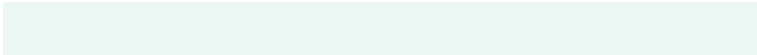
91.7319, 0.3180, 0.3261



91.7319, 0.3218, 0.3328

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91.7358, 0.3075, 0.3320



99.4747, 0.3115, 0.3297



91.7997, 0.3142, 0.3401



21.2972, 0.3116, 0.3296



0.0000, 0.0000, 0.0000



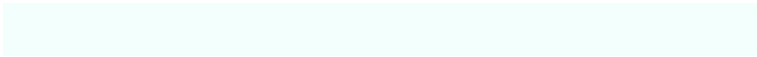
21.4041, 0.3127, 0.3290

Same Dimension

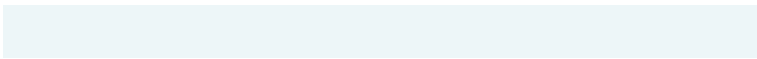
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7358, 0.3075, 0.3320



97.4388, 0.3069, 0.3324



90.4582, 0.3058, 0.3266



19.8955, 0.3061, 0.3329



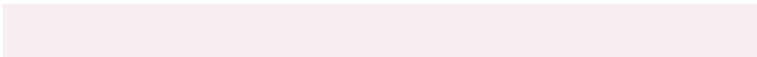
38.0741, 0.2501, 0.4204



3.5441, 0.2467, 0.4081

Inverse Universe

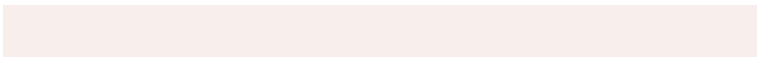
The Inverse Universe completely reimagines the original color for something new.



86.7959, 0.3182, 0.3260



91.5510, 0.3189, 0.3256



88.0138, 0.3199, 0.3314



18.5287, 0.3198, 0.3252



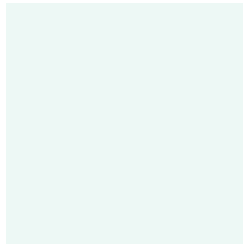
11.0252, 0.5857, 0.3000



1.0381, 0.5522, 0.2815

Previews

White Background



This preview shows how the Yxy color 91.7319, 0.3075, 0.3320 looks on a white background.

Color Contrast Check

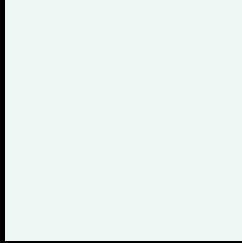
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.7319, 0.3075, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

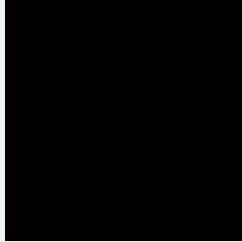
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

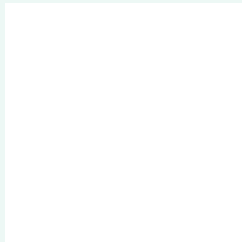
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7319, 0.3075, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 91.7319, 0.3075, 0.3320.

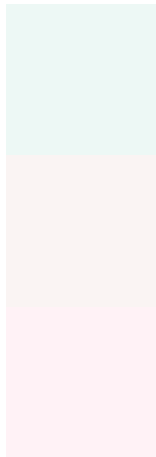


This preview shows how white text looks on a background with the Yxy color 91.7319, 0.3075, 0.3320.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.7319, 0.3075, 0.3320

Protanopia

91.4964, 0.3172, 0.3300

Deuteranopia

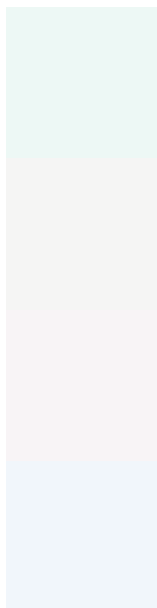
91.4181, 0.3188, 0.3252



Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.7319, 0.3075, 0.3320

Protanomaly

91.2489, 0.3133, 0.3300

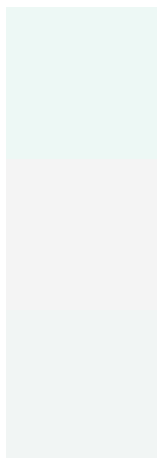
Deuteranomaly

91.3116, 0.3141, 0.3270

Tritanomaly

91.5773, 0.3066, 0.3241

Monochromacy



Original Color

91.7319, 0.3075, 0.3320

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5372, 0.3107, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7319, 0.3075, 0.3320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 248, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 248, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.7319, 0.3075, 0.3320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 248, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(237, 248, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(237, 248, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7319, 0.3075, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
248, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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