

Converting Colors

$Yxy(90.3620, 0.3085, 0.3322)$

Have a look what the booklet for
Yxy(90.3620, 0.3085, 0.3322)
contains.

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Color

Yxy(90.3871, 0.3087, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	EDF6F3
RGB	237, 246, 243
RGB Percent	93%, 96%, 95%
CMY	0.0708, 0.0352, 0.0470
CMYK	0.04, 0.00, 0.01, 0.04
HSL	160°, 34%, 95%
HSV	160°, 4%, 96%
XYZ	84.0437, 90.3871, 97.8195
YIQ	242.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

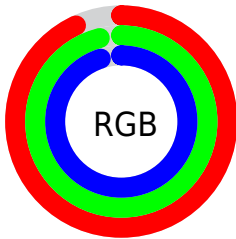
Format	Color
R _{YB}	237, 242, 246
Decimal	15595251
CIE Lab	96.16, -3.53, 0.39
CIE LCh	96, 3.549, 173.665
Yxy	90.3871, 0.3087, 0.3320
Android (android.graphics.Color)	4293785331 (0xFFEDF6F3)
YUV	242.9670, 0.0163, -5.2331
Hunter-Lab	95.0721, -8.5824, 5.5471

Details

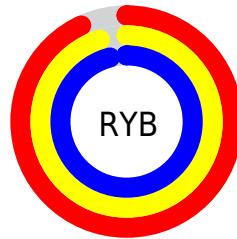
The Yxy color **90.3871, 0.3087, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4168, 0.3169, 0.3260**, and the grayscale version is **89.5984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2385, 0.3077, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **85.9625, 0.2980, 0.3408**, and if you desaturate by 10%, it is **94.1609, 0.3154, 0.3241**.

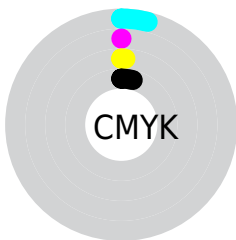
Distribution



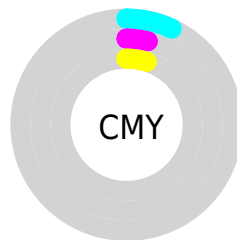
- Red (93%)
- Green (96%)
- Blue (95%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



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





- Cyan (7%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3871, 0.3087, 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 90.3871, 0.3087, 0.3320 by changing the saturation by 10% instead.

 90.3871, 0.3087,
0.3320

 90.3871, 0.3087,
0.3320


529.2893, 0.3105,
0.3307

 68.3017, 0.3083,
0.3323

147.8760, 0.3093,
0.3315

 50.1433, 0.3078,
0.3326


184.0483, 0.3096,
0.3314

 35.5272, 0.3072,
0.3331


225.6850, 0.3098,
0.3312

 24.0693, 0.3065,
0.3337

273.1706, 0.3099,
0.3311

 15.3850, 0.3055,
0.3344

326.8895, 0.3101,
0.3310

 9.0901, 0.3041,
0.3354

387.2259, 0.3102,

 4.8000, 0.3020,

0.3309

454.5644, 0.3104,
0.3308

0.3370

2.1304, 0.2987,
0.3395

0.6816, 0.2869,
0.3481

90.3871, 0.3087,
0.3320

90.3871, 0.3087,
0.3320

85.9625, 0.2980,
0.3408

94.1609, 0.3154,
0.3241


82.1130, 0.2879,
0.3504


94.4055, 0.3131,
0.3204


78.8171, 0.2785,
0.3609


76.0475, 0.2703,
0.3723

 73.7744, 0.2635,
0.3843

 71.9652, 0.2584,
0.3968

 70.5831, 0.2553,
0.4096

 69.5856, 0.2542,
0.4225

 68.9207, 0.2551,
0.4353

Harmonies

Analogous

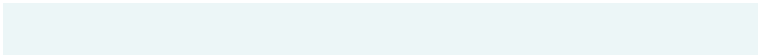
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3871, 0.3125, 0.3347



90.3871, 0.3087, 0.3320



90.3871, 0.3059, 0.3285

Triad

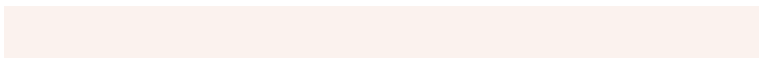
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3871, 0.3087, 0.3320



90.3871, 0.3090, 0.3222



90.3871, 0.3205, 0.3329

Complementary

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



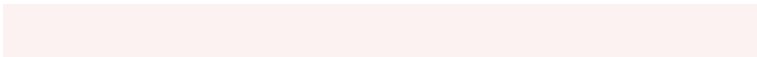
90.3871, 0.3087, 0.3320



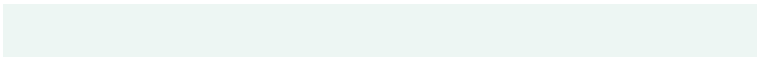
86.4168, 0.3169, 0.3260

Split Complementary

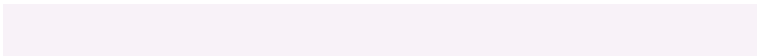
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3871, 0.3196, 0.3295



90.3871, 0.3087, 0.3320



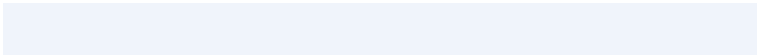
90.3871, 0.3129, 0.3234

Square

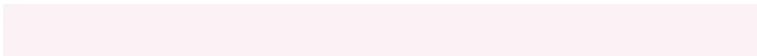
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



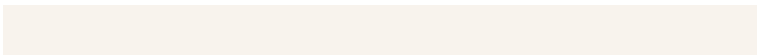
90.3871, 0.3087, 0.3320



90.3871, 0.3061, 0.3228



90.3871, 0.3167, 0.3261



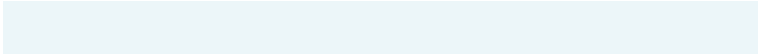
90.3871, 0.3194, 0.3352

Rectangle

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



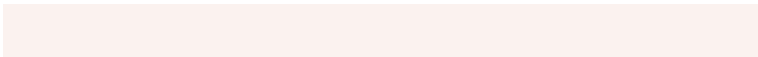
90.3871, 0.3087, 0.3320



90.3871, 0.3051, 0.3261



90.3871, 0.3167, 0.3261



90.3871, 0.3204, 0.3318

Sweetspot

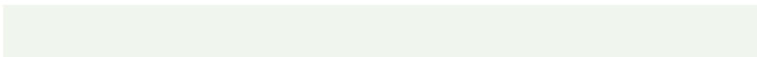
The Sweet Spot groups the original color and five complimentary colors.



90.3910, 0.3087, 0.3320



99.4653, 0.3116, 0.3298



90.5554, 0.3142, 0.3381



21.2953, 0.3117, 0.3298



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

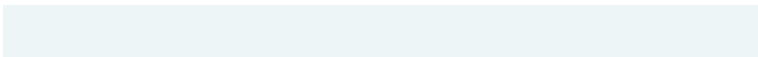
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3910, 0.3087, 0.3320



97.9008, 0.3084, 0.3323



89.6567, 0.3070, 0.3275



19.1149, 0.3076, 0.3329



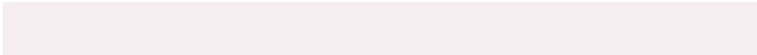
36.6484, 0.2559, 0.4411



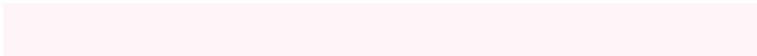
3.2400, 0.2515, 0.4253

Inverse Universe

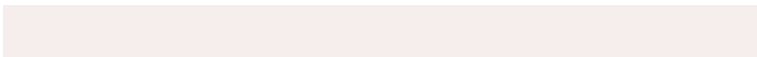
The Inverse Universe completely reimagines the original color for something new.



86.4168, 0.3169, 0.3260



93.2323, 0.3173, 0.3258



87.1198, 0.3187, 0.3305



18.0376, 0.3181, 0.3252



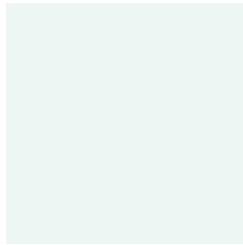
10.8021, 0.5650, 0.2886



0.9677, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 90.3871, 0.3087, 0.3320 looks on a white background.

Color Contrast Check

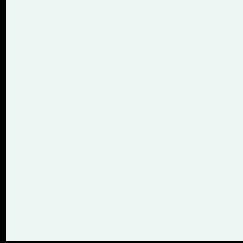
Large Text (above 18pt) WCAG AA × Fail

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 90.3871, 0.3087, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

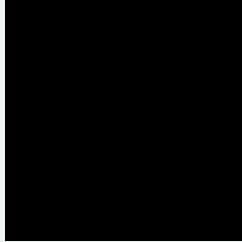
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

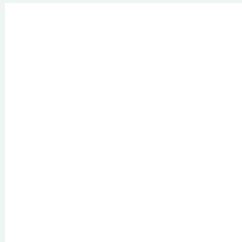
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.3871, 0.3087, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 90.3871, 0.3087, 0.3320.

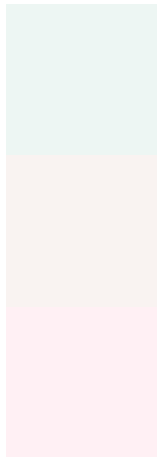


This preview shows how white text looks on a background with the Yxy color 90.3871, 0.3087, 0.3320.

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

90.3871, 0.3087, 0.3320

Protanopia

90.5918, 0.3178, 0.3310

Deuteranopia

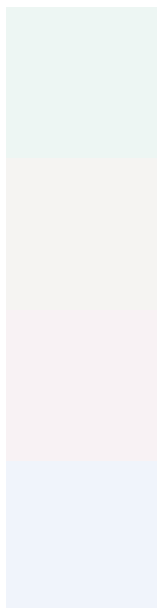
90.1118, 0.3202, 0.3251



Tritanopia

90.1984, 0.3050, 0.3172

Trichromacy



Original Color

90.3871, 0.3087, 0.3320

Protanomaly

90.5246, 0.3146, 0.3310

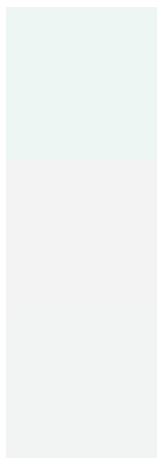
Deuteranomaly

89.9924, 0.3154, 0.3270

Tritanomaly

90.1917, 0.3060, 0.3221

Monochromacy



Original Color

90.3871, 0.3087, 0.3320

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8732, 0.3114, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3871, 0.3087, 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, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 243)  
}
```

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, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 243) }
```

Border

The CSS property to change the border of an element to Yxy 90.3871, 0.3087, 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, 246, 243) }
```

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

```
.border{ border-color:rgb(237, 246, 243) }
```

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

Here you see how a box with a 4 pixel rgb(237, 246, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3871, 0.3087, 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, 246, 243) }
```

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

```
.background{ background-color: rgb(237,  
246, 243) }
```

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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