

Converting Colors

$Yxy(91.7290, 0.3032, 0.3299)$

Have a look what the booklet for
Yxy(91.7290, 0.3032, 0.3299)
contains.

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Color

Yxy(91.8523, 0.3033, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E9F9F8
RGB	233, 249, 248
RGB Percent	91%, 98%, 97%
CMY	0.0863, 0.0235, 0.0275
CMYK	0.06, 0.00, 0.00, 0.02
HSL	176°, 57%, 95%
HSV	176°, 6%, 98%
XYZ	84.4206, 91.8523, 102.0674
YIQ	244.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

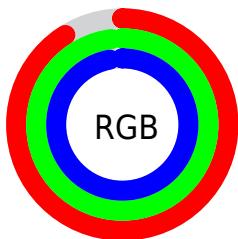
Format	Color
R _Y B	233, 241, 249
Decimal	15333880
CIE Lab	96.76, -5.41, -1.32
CIE LCh	97, 5.568, 193.746
Yxy	91.8523, 0.3033, 0.3300
Android (android.graphics.Color)	4293523960 (0xFFE9F9F8)
YUV	244.1020, 1.9217, -9.7365
Hunter-Lab	95.8396, -10.4870, 3.9450

Details

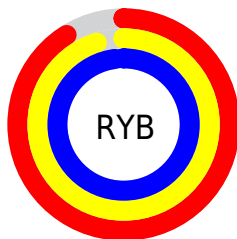
The Yxy color **91.8523, 0.3033, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3632, 0.3230, 0.3280**, and the grayscale version is **90.5444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2928, 0.3008, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **87.8577, 0.2892, 0.3317**, and if you desaturate by 10%, it is **95.8919, 0.3162, 0.3285**.

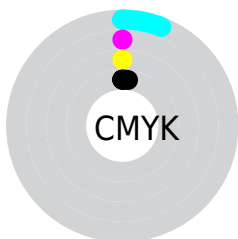
Distribution



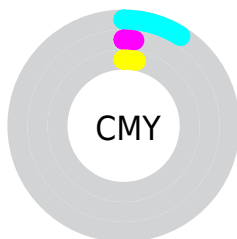
- Red (91%)
- Green (98%)
- Blue (97%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (9%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8523, 0.3033, 0.3300 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 91.8523, 0.3033, 0.3300 by changing the saturation by 10% instead.


 91.8523, 0.3033,
0.3300

 91.8523, 0.3033,
0.3300


534.0381, 0.3075,
0.3296

 69.5180, 0.3024,
0.3301


149.9087, 0.3047,
0.3299

 51.1337, 0.3013,
0.3302


186.3995, 0.3053,
0.3298

 36.3150, 0.2999,
0.3303


228.3779, 0.3058,
0.3298

 24.6776, 0.2982,
0.3305

276.2283, 0.3062,
0.3297

 15.8370, 0.2958,
0.3307

330.3352, 0.3066,
0.3297

 9.4089, 0.2927,
0.3310

391.0828, 0.3069,

 5.0088, 0.2880,

0.3296

0.3314

458.8557, 0.3072,
0.3296

■ 2.2524, 0.2806,
0.3319

■ 0.7484, 0.2592,
0.3348

■ 91.8523, 0.3033,
0.3300

■ 91.8523, 0.3033,
0.3300

■ 87.8577, 0.2892,
0.3317

■ 95.8919, 0.3162,
0.3285

■ 84.4269, 0.2761,
0.3335

■ 95.9926, 0.3152,
0.3269

■ 81.5372, 0.2643,
0.3355

■ 96.0941, 0.3143,
0.3254

■ 79.1602, 0.2540,
0.3375

■ 96.1966, 0.3133,
0.3239

77.2650, 0.2455,
0.3396

96.2361, 0.3130,
0.3233

75.8170, 0.2389,
0.3418

74.7773, 0.2342,
0.3440

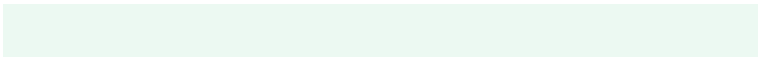
74.1002, 0.2315,
0.3462

73.7287, 0.2304,
0.3483

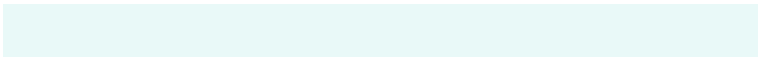
Harmonies

Analogous

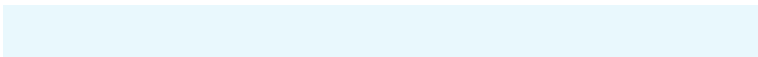
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8523, 0.3083, 0.3353



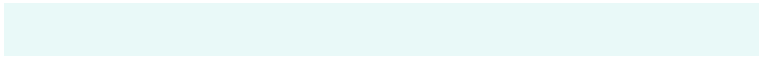
91.8523, 0.3033, 0.3300



91.8523, 0.3008, 0.3245

Triad

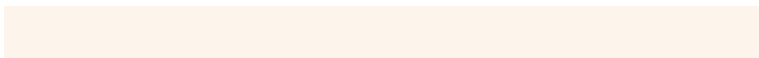
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.8523, 0.3033, 0.3300



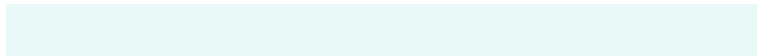
91.8523, 0.3108, 0.3194



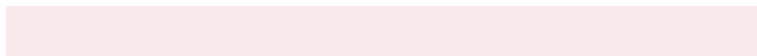
91.8523, 0.3241, 0.3377

Complementary

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



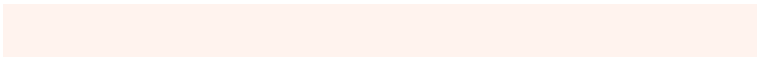
91.8523, 0.3033, 0.3300



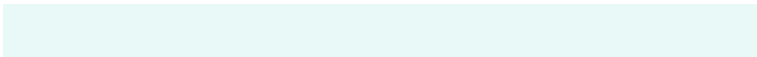
84.3632, 0.3230, 0.3280

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.



91.8523, 0.3248, 0.3334



91.8523, 0.3033, 0.3300



91.8523, 0.3171, 0.3229

Square

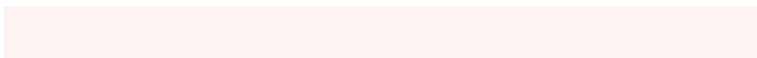
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8523, 0.3033, 0.3300



91.8523, 0.3051, 0.3184



91.8523, 0.3222, 0.3279



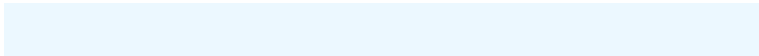
91.8523, 0.3203, 0.3398

Rectangle

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



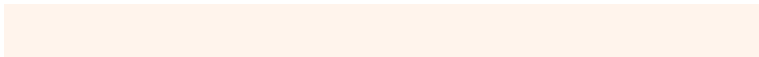
91.8523, 0.3033, 0.3300



91.8523, 0.3009, 0.3214



91.8523, 0.3222, 0.3279



91.8523, 0.3247, 0.3365

Sweetspot

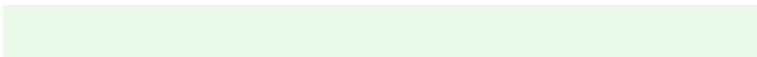
The Sweet Spot groups the original color and five complimentary colors.



91.8562, 0.3033, 0.3300



99.0244, 0.3098, 0.3293



91.1438, 0.3126, 0.3452



21.2055, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



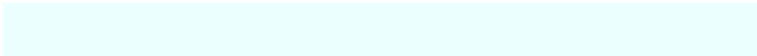
21.4041, 0.3127, 0.3290

Same Dimension

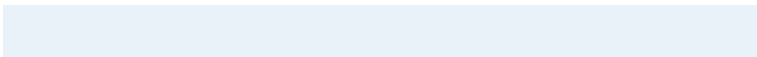
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8562, 0.3033, 0.3300



96.2499, 0.3010, 0.3303



87.7116, 0.3028, 0.3220



19.5882, 0.2989, 0.3305



39.4230, 0.2302, 0.3487



3.6569, 0.2295, 0.3461

Inverse Universe

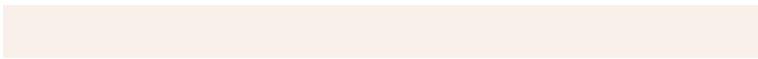
The Inverse Universe completely reimagines the original color for something new.



84.3632, 0.3230, 0.3280



86.4989, 0.3257, 0.3278



88.3085, 0.3230, 0.3359



17.2433, 0.3284, 0.3275



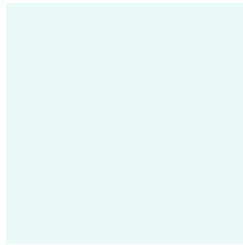
10.8074, 0.6334, 0.3263



1.0071, 0.6178, 0.3177

Previews

White Background



This preview shows how the Yxy color 91.8523, 0.3033, 0.3300 looks on a white background.

Color Contrast Check

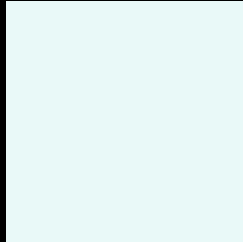
Large Text (above 18pt) WCAG AA × Fail

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 91.8523, 0.3033, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

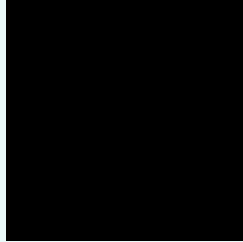
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

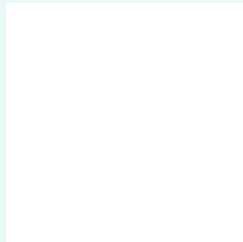
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8523, 0.3033, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 91.8523, 0.3033, 0.3300.

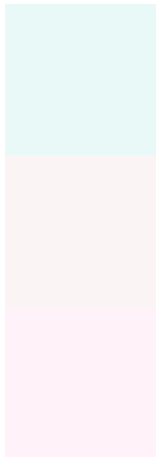


This preview shows how white text looks on a background with the Yxy color 91.8523, 0.3033, 0.3300.

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

91.8523, 0.3033, 0.3300

Protanopia

91.6179, 0.3160, 0.3280

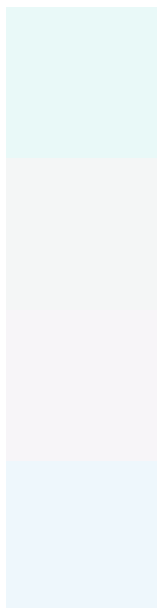
Deuteranopia

91.5416, 0.3176, 0.3232

Tritanopia

91.8323, 0.3043, 0.3201

Trichromacy



Original Color

91.8523, 0.3033, 0.3300

Protanomaly

91.7985, 0.3114, 0.3290

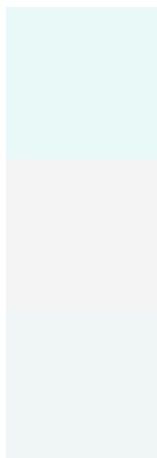
Deuteranomaly

91.8563, 0.3122, 0.3261

Tritanomaly

91.7269, 0.3041, 0.3240

Monochromacy



Original Color

91.8523, 0.3033, 0.3300

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0294, 0.3095, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8523, 0.3033, 0.3300 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(233, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(233, 249, 248)  
}
```

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(233, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 249, 248) }
```

Border

The CSS property to change the border of an element to Yxy 91.8523, 0.3033, 0.3300 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(233, 249, 248) }
```

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

```
.border{ border-color:rgb(233, 249, 248) }
```

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

Here you see how a box with a 4 pixel rgb(233, 249, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(233, 249,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8523, 0.3033, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 249, 248) }
```

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

```
.background{ background-color: rgb(233,  
249, 248) }
```

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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