

Converting Colors

$Y_{xy}(31.3790, 0.4220, 0.3343)$

Have a look what the booklet for
Yxy(31.3790, 0.4220, 0.3343)
contains.

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Color

Yxy(31.4925, 0.4211, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	D8807C
RGB	216, 128, 124
RGB Percent	85%, 50%, 49%
CMY	0.1529, 0.4981, 0.5137
CMYK	0.00, 0.41, 0.43, 0.15
HSL	3°, 54%, 67%
HSV	3°, 43%, 85%
XYZ	39.6813, 31.4925, 23.0587
YIQ	153.8560, 53.7320, 17.4120

Conversions

Conversions Part 2

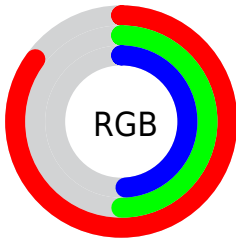
Format	Color
RYB	216, 128, 124
Decimal	14188668
CIELab	62.92, 33.52, 16.86
CIELCh	63, 37.520, 26.700
Yxy	31.4925, 0.4211, 0.3342
Android (android.graphics.Color)	4292378748 (0xFFD8807C)
YUV	153.8560, -14.7190, 54.5003
Hunter-Lab	56.1182, 28.0110, 14.9207

Details

The Yxy color **31.4925, 0.4211, 0.3342** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.3507, 0.2542, 0.3236**, and the grayscale version is **32.2973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8902, 0.3807, 0.3345**, and **13.0849, 0.4582, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **26.1530, 0.4619, 0.3352**, and if you desaturate by 10%, it is **38.0527, 0.3866, 0.3330**.

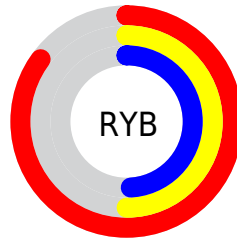
Distribution



Red (85%)

Green (50%)

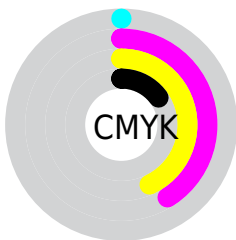
Blue (49%)



Red (85%)

Yellow (50%)

Blue (49%)

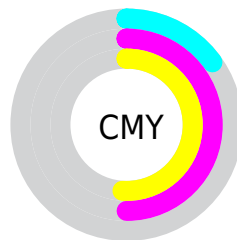


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (15%)



Cyan (15%)


Magenta (50%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4925, 0.4211, 0.3342 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 31.4925, 0.4211, 0.3342 by changing the saturation by 10% instead.


 31.4925, 0.4211,
0.3342


 31.4925, 0.4211,
0.3342


308.8009, 0.3628,
0.3335

 20.9742, 0.4369,
0.3336


 62.0146, 0.3990,
0.3345

 13.1051, 0.4580,
0.3322


 82.7872, 0.3909,
0.3344

 7.5010, 0.4871,
0.3292


 107.7467, 0.3843,
0.3343

 3.7773, 0.5298,
0.3227

137.2774, 0.3786,
0.3342

 1.5498, 0.6094,
0.3138

171.7638, 0.3738,
0.3340

 0.3234, 0.7818,
0.2182

211.5902, 0.3697,

 0.0000, 1.0000,

0.3338


0.0000


257.1411, 0.3660,
0.3337

 0.0000, 0.0000,
0.0000

 31.4925, 0.4211,
0.3342


 31.4925, 0.4211,
0.3342


 26.1530, 0.4619,
0.3352

 38.0527, 0.3866,
0.3330


 21.9546, 0.5076,
0.3358


 45.8977, 0.3582,
0.3317

 18.8155, 0.5544,
0.3357

 55.0924, 0.3353,
0.3304


 16.6412, 0.5958,
0.3348

 65.6961, 0.3169,
0.3293

 15.3203, 0.6250,
0.3330

 77.7647, 0.3020,
0.3282

 14.8052, 0.6375,
0.3320

 91.3509, 0.2901,
0.3273

 93.3422, 0.2894,
0.3289

Harmonies

Analogous

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



31.4925, 0.3778, 0.2905



31.4925, 0.4211, 0.3342



31.4925, 0.4311, 0.3802

Triad

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



31.4925, 0.4211, 0.3342



31.4925, 0.2992, 0.4208



31.4925, 0.2225, 0.2386

Complementary

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



31.4925, 0.4211, 0.3342



56.3507, 0.2542, 0.3236

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.



31.4925, 0.2065, 0.2620



31.4925, 0.4211, 0.3342



31.4925, 0.2474, 0.3693

Square

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



31.4925, 0.4211, 0.3342



31.4925, 0.3576, 0.4382



31.4925, 0.2148, 0.3084



31.4925, 0.2612, 0.2377

Rectangle

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



31.4925, 0.4211, 0.3342



31.4925, 0.4180, 0.4080



31.4925, 0.2148, 0.3084



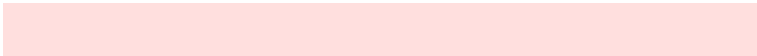
31.4925, 0.2145, 0.2438

Sweetspot

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



31.4941, 0.4211, 0.3342



79.4538, 0.3364, 0.3305



33.8216, 0.3205, 0.2281



16.3357, 0.3411, 0.3308



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.



31.4941, 0.4211, 0.3342



38.8595, 0.4571, 0.3351



45.9764, 0.3964, 0.3884



12.5061, 0.3290, 0.3301



8.8017, 0.6366, 0.3327



0.5619, 0.6261, 0.3411

Inverse Universe

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



56.3507, 0.2542, 0.3236



79.5564, 0.2451, 0.3223



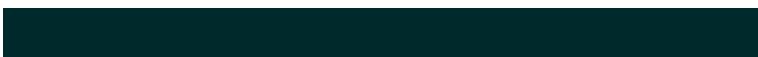
36.8632, 0.2437, 0.2602



14.0114, 0.2983, 0.3279



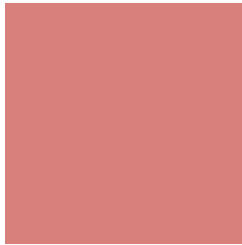
29.2902, 0.2210, 0.3155



1.7958, 0.2217, 0.3180

Previews

White Background



This preview shows how the Yxy color 31.4925, 0.4211, 0.3342 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 31.4925, 0.4211, 0.3342 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 31.4925, 0.4211, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 31.4925, 0.4211, 0.3342.



This preview shows how white text looks on a background with the Yxy color 31.4925, 0.4211, 0.3342.

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

31.4925, 0.4211, 0.3342

Protanopia

31.6050, 0.3353, 0.3536

Deuteranopia

31.7129, 0.3729, 0.3668



Tritanopia

31.4510, 0.4085, 0.3171

Trichromacy



Original Color

31.4925, 0.4211, 0.3342

Protanomaly

31.0142, 0.3649, 0.3449

Deuteranomaly

31.3678, 0.3907, 0.3539

Tritanomaly

31.5964, 0.4129, 0.3232

Monochromacy



Original Color

31.4925, 0.4211, 0.3342

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.5811, 0.3492, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4925, 0.4211, 0.3342 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(216, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(216, 128, 124)  
}
```

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(216, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 128, 124) }
```

Border

The CSS property to change the border of an element to Yxy 31.4925, 0.4211, 0.3342 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(216, 128, 124) }
```

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

```
.border{ border-color:rgb(216, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 128, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 128, 124); box-shadow:4px 4px 4px 4px rgb(216, 128, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4925, 0.4211, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 128, 124) }
```

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

```
.background{ background-color: rgb(216,  
128, 124) }
```

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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