

Converting Colors

Yxy(65.9646, 0.3793, 0.4308)

Have a look what the booklet for
Yxy(65.9646, 0.3793, 0.4308)
contains.

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Color

Yxy(65.9646, 0.3793, 0.4308)

Conversions

Conversions Part 1

Format	Color
Hex	DDD87D
RGB	221, 216, 125
RGB Percent	87%, 85%, 49%
CMY	0.1333, 0.1529, 0.5097
CMYK	0.00, 0.02, 0.43, 0.13
HSL	57°, 59%, 68%
HSV	57°, 43%, 87%
XYZ	58.0789, 65.9646, 29.0777
YIQ	207.1210, 32.1910, -27.2410

Conversions

Conversions Part 2

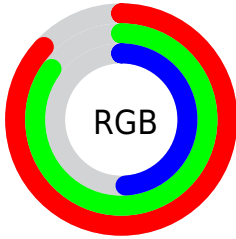
Format	Color
RYB	130, 221, 125
Decimal	14538877
CIELab	84.98, -10.96, 45.31
CIELCh	85, 46.613, 103.600
Yxy	65.9646, 0.3793, 0.4308
Android (android.graphics.Color)	4292728957 (0xFFDDD87D)
YUV	207.1210, -40.4857, 12.1719
Hunter-Lab	81.2186, -14.4884, 35.6261

Details

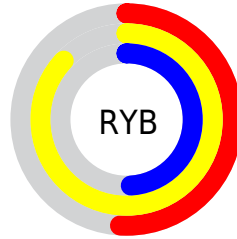
The Yxy color **65.9646, 0.3793, 0.4308** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.5528, 0.2326, 0.2015**, and the grayscale version is **62.7324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **33.8767, 0.3924, 0.4539** is the 20% darker color. If you saturate the color by 10%, you get **64.8757, 0.3932, 0.4513**, and if you desaturate by 10%, it is **67.1894, 0.3642, 0.4082**.

Distribution



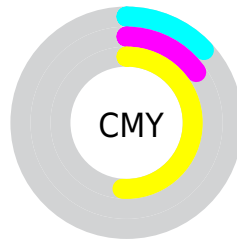
- Red (87%)
- Green (85%)
- Blue (49%)



- Red (51%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9646, 0.3793, 0.4308 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 65.9646, 0.3793, 0.4308 by changing the saturation by 10% instead.


 65.9646, 0.3793,
0.4308

 65.9646, 0.3793,
0.4308


446.2503, 0.3496,
0.3829

 48.2437, 0.3855,
0.4416


 113.4355, 0.3694,
0.4142

 34.0199, 0.3927,
0.4547


 143.9543, 0.3654,
0.4078

 22.9089, 0.4011,
0.4708

 179.5078, 0.3620,
0.4022

 14.5262, 0.4106,
0.4909

220.4805, 0.3589,
0.3973

 8.4876, 0.4204,
0.5157

267.2566, 0.3562,
0.3931

 4.4085, 0.4395,
0.5605

320.2207, 0.3538,

 1.9046, 0.4237,

0.3893

0.5763

379.7571, 0.3516,
0.3859

0.5511, 0.3174,
0.6826

0.0000, 0.0000,
0.0000

65.9646, 0.3793,
0.4308

65.9646, 0.3793,
0.4308

64.8757, 0.3932,
0.4513

67.1894, 0.3642,
0.4082

63.9051, 0.4054,
0.4687


68.5486, 0.3486,
0.3845


63.0464, 0.4152,
0.4822


70.0524, 0.3330,
0.3604

62.2887, 0.4224,
0.4914


71.7072, 0.3178,
0.3369

 61.6187, 0.4269,
0.4963


 73.5193, 0.3033,
0.3143

 61.2123, 0.4288,
0.4977

 75.3244, 0.2914,
0.2956

 75.9420, 0.2914,
0.2969

 76.5638, 0.2914,
0.2981

 77.1898, 0.2915,
0.2993

Harmonies

Analogous

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



65.9646, 0.4180, 0.4022



65.9646, 0.3793, 0.4308



65.9646, 0.3247, 0.4300

Triad

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



65.9646, 0.3793, 0.4308



65.9646, 0.2098, 0.2812



65.9646, 0.3512, 0.2755

Complementary

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



65.9646, 0.3793, 0.4308



25.5528, 0.2326, 0.2015

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.



65.9646, 0.2921, 0.2481



65.9646, 0.3793, 0.4308



65.9646, 0.2152, 0.2482

Square

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



65.9646, 0.3793, 0.4308



65.9646, 0.2285, 0.3343



65.9646, 0.2436, 0.2379



65.9646, 0.4029, 0.3150

Rectangle

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



65.9646, 0.3793, 0.4308



65.9646, 0.2870, 0.4087



65.9646, 0.2436, 0.2379



65.9646, 0.3312, 0.2648

Sweetspot

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



65.9676, 0.3793, 0.4308



96.9480, 0.3325, 0.3597



31.6945, 0.4189, 0.3216



20.6477, 0.3359, 0.3650



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.



65.9676, 0.3793, 0.4308



89.8628, 0.3919, 0.4493



62.8310, 0.3444, 0.4486



15.1414, 0.3268, 0.3509



35.6094, 0.4287, 0.4978



2.3433, 0.4270, 0.4992

Inverse Universe

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



25.5528, 0.2326, 0.2015



27.1702, 0.2136, 0.1706



28.0654, 0.2660, 0.2060



12.7255, 0.2981, 0.3061



3.2289, 0.1510, 0.0635



0.2484, 0.1539, 0.0739

Previews

White Background



This preview shows how the Yxy color 65.9646, 0.3793, 0.4308 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 65.9646, 0.3793, 0.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

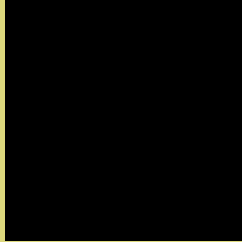
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9646, 0.3793, 0.4308

Background



This preview shows how black text looks on a background with the Yxy color 65.9646, 0.3793, 0.4308.



This preview shows how white text looks on a background with the Yxy color 65.9646, 0.3793, 0.4308.

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

65.9646, 0.3793, 0.4308

Protanopia

65.6980, 0.3908, 0.4246

Deuteranopia

65.6931, 0.4072, 0.3998



Tritanopia

65.8720, 0.3211, 0.3118

Trichromacy



Original Color

65.9646, 0.3793, 0.4308

Protanomaly

65.5377, 0.3870, 0.4268

Deuteranomaly

65.8051, 0.3970, 0.4107

Tritanomaly

65.4770, 0.3432, 0.3547

Monochromacy



Original Color

65.9646, 0.3793, 0.4308

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.2646, 0.3377, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9646, 0.3793, 0.4308 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(221, 216, 125)` looks like.

```
.text, #text, p{  
    color:rgb(221, 216, 125)  
}
```

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(221, 216, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 216, 125) }
```

Border

The CSS property to change the border of an element to Yxy 65.9646, 0.3793, 0.4308 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(221, 216, 125) }
```

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

```
.border{ border-color:rgb(221, 216, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 216, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 216, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 216, 125);  
box-shadow:4px 4px 4px 4px rgb(221, 216,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9646, 0.3793, 0.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 216, 125) }
```

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

```
.background{ background-color: rgb(221,  
216, 125) }
```

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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