

Converting Colors

Yxy(66.2061, 0.4088, 0.5121)

Have a look what the booklet for
Yxy(66.2061, 0.4088, 0.5121)
contains.

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Color

Yxy(65.9617, 0.4092, 0.5118)

Conversions

Conversions Part 1

Format	Color
Hex	D2DE08
RGB	210, 222, 8
RGB Percent	82%, 87%, 3%
CMY	0.1766, 0.1294, 0.9686
CMYK	0.05, 0.00, 0.96, 0.13
HSL	63°, 93%, 45%
HSV	63°, 96%, 87%
XYZ	52.7384, 65.9617, 10.1817
YIQ	194.0160, 61.5420, -69.0980

Conversions

Conversions Part 2

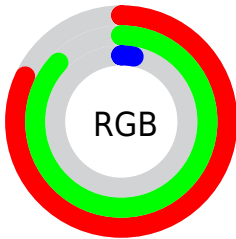
Format	Color
R _Y B	8, 222, 20
Decimal	13819400
CIE Lab	84.98, -24.38, 83.32
CIE LCh	85, 86.813, 106.310
Yxy	65.9617, 0.4092, 0.5118
Android (android.graphics.Color)	4292009480 (0xFFD2DE08)
YUV	194.0160, -91.7059, 14.0180
Hunter-Lab	81.2168, -26.2198, 49.4189

Details

The Yxy color **65.9617, 0.4092, 0.5118** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **5.5979, 0.1530, 0.0632**, and the grayscale version is **54.4860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5182, 0.4024, 0.4773**, and **34.2167, 0.4027, 0.5184** is the 20% darker color. If you saturate the color by 10%, you get **65.8811, 0.4094, 0.5131**, and if you desaturate by 10%, it is **66.2260, 0.4076, 0.5066**.

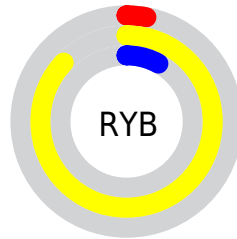
Distribution



Red (82%)

Green (87%)

Blue (3%)



Red (3%)

Yellow (87%)

Blue (8%)

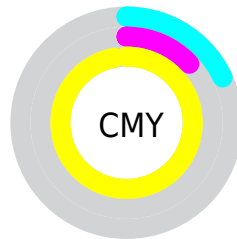


Cyan (5%)

Magenta (0%)

Yellow (96%)

Black (13%)



Cyan (18%)


Magenta (13%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9617, 0.4092, 0.5118 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 65.9617, 0.4092, 0.5118 by changing the saturation by 10% instead.


 65.9617, 0.4092,
0.5118


 65.9617, 0.4092,
0.5118


446.2399, 0.3740,
0.4306


 48.2413, 0.4135,
0.5274


 113.4314, 0.3998,
0.4856

 34.0180, 0.4165,
0.5446


 143.9494, 0.3953,
0.4748

 22.9074, 0.4172,
0.5631


 179.5022, 0.3910,
0.4652

 14.5252, 0.4151,
0.5849

 220.4740, 0.3871,
0.4567

 8.4868, 0.4004,
0.5996

 267.2493, 0.3834,
0.4491

 4.4080, 0.3784,
0.6216

 320.2124, 0.3800,

 1.9043, 0.3417,

0.4422

0.6583

379.7478, 0.3769,
0.4361

0.5510, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.9617, 0.4092,
0.5118

65.9617, 0.4092,
0.5118

65.8811, 0.4094,
0.5131

66.2260, 0.4076,
0.5066

66.5683, 0.4036,
0.4971

67.0063, 0.3969,
0.4832

67.5515, 0.3877,
0.4653

■ 68.2140, 0.3765,
0.4440

■ 69.0025, 0.3637,
0.4203

■ 69.9250, 0.3499,
0.3953

■ 70.9888, 0.3357,
0.3697

■ 72.2006, 0.3216,
0.3446

Harmonies

Analogous

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



65.9617, 0.4871, 0.4463



65.9617, 0.4092, 0.5118



65.9617, 0.3131, 0.5256

Triad

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



65.9617, 0.4092, 0.5118



65.9617, 0.1400, 0.2298



65.9617, 0.3907, 0.2416

Complementary

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



65.9617, 0.4092, 0.5118



5.5979, 0.1530, 0.0632

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.



65.9617, 0.2809, 0.1972



65.9617, 0.4092, 0.5118



65.9617, 0.1527, 0.1857

Square

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



65.9617, 0.4092, 0.5118



65.9617, 0.1613, 0.3210



65.9617, 0.1985, 0.1773



65.9617, 0.4871, 0.3030

Rectangle

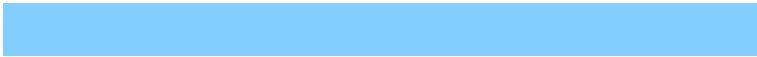
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9617, 0.4092, 0.5118



65.9617, 0.2500, 0.4818



65.9617, 0.1985, 0.1773



65.9617, 0.3529, 0.2244

Sweetspot

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



65.9648, 0.4092, 0.5118



95.3379, 0.3539, 0.4024



16.0054, 0.6317, 0.3326



20.2900, 0.3598, 0.4132



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.



65.9648, 0.4092, 0.5118



90.1605, 0.4093, 0.5132



55.2286, 0.3312, 0.5732



15.9883, 0.3259, 0.3522



39.1438, 0.4096, 0.5130



2.7254, 0.4112, 0.5117

Inverse Universe

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



5.5979, 0.1530, 0.0632



7.3161, 0.1512, 0.0607



9.8626, 0.2150, 0.0971



13.2799, 0.2989, 0.3048



3.1965, 0.1518, 0.0610



0.2347, 0.1571, 0.0639

Previews

White Background



This preview shows how the Yxy color 65.9617, 0.4092, 0.5118 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 65.9617, 0.4092, 0.5118 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 65.9617, 0.4092, 0.5118

Background



This preview shows how black text looks on a background with the Yxy color 65.9617, 0.4092, 0.5118.



This preview shows how white text looks on a background with the Yxy color 65.9617, 0.4092, 0.5118.

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

65.9617, 0.4092, 0.5118

Deuteranopia

65.6835, 0.4198, 0.4183

Tritanopia

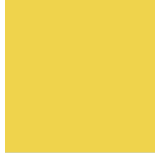
65.6391, 0.3158, 0.3106

Trichromacy



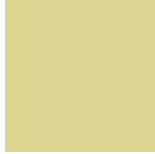
Original Color

65.9617, 0.4092, 0.5118



Deuteranomaly

65.4611, 0.4240, 0.4611



Tritanomaly

64.3469, 0.3666, 0.4056

Monochromacy



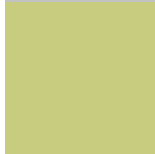
Original Color

65.9617, 0.4092, 0.5118



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.9714, 0.3662, 0.4242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9617, 0.4092, 0.5118 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(210, 222, 8)` looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 8)  
}
```

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(210, 222, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 8) }
```

Border

The CSS property to change the border of an element to Yxy 65.9617, 0.4092, 0.5118 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(210, 222, 8) }
```

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

```
.border{ border-color:rgb(210, 222, 8) }
```

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

Here you see how a box with a 4 pixel rgb(210, 222, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 8);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
8) }
```

Background

The CSS property to change the background color of an element to Yxy 65.9617, 0.4092, 0.5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 8) }
```

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

```
.background{ background-color: rgb(210,  
222, 8) }
```

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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