

Converting Colors

Yxy(62.5354, 0.4073, 0.5028)

Have a look what the booklet for
Yxy(62.5354, 0.4073, 0.5028)
contains.

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Color

Yxy(62.5107, 0.4073, 0.5030)

Conversions

Conversions Part 1

Format	Color
Hex	CFD825
RGB	207, 216, 37
RGB Percent	81%, 85%, 15%
CMY	0.1883, 0.1529, 0.8549
CMYK	0.04, 0.00, 0.83, 0.15
HSL	63°, 71%, 50%
HSV	63°, 83%, 85%
XYZ	50.6175, 62.5107, 11.1475
YIQ	192.9030, 52.0950, -57.5770

Conversions

Conversions Part 2

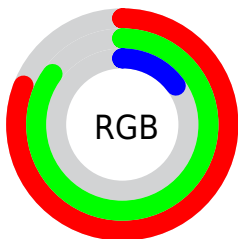
Format	Color
RYB	37, 216, 46
Decimal	13621285
CIELab	83.18, -22.24, 77.44
CIELCh	83, 80.574, 106.020
Yxy	62.5107, 0.4073, 0.5030
Android (android.graphics.Color)	4291811365 (0xFFCFD825)
YUV	192.9030, -76.8602, 12.3631
Hunter-Lab	79.0637, -24.0837, 46.9850

Details

The Yxy color **62.5107, 0.4073, 0.5030** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.8634, 0.1638, 0.0793**, and the grayscale version is **53.7059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7196, 0.3982, 0.4703**, and **31.7856, 0.4054, 0.5163** is the 20% darker color. If you saturate the color by 10%, you get **62.2592, 0.4098, 0.5096**, and if you desaturate by 10%, it is **62.8492, 0.4022, 0.4921**.

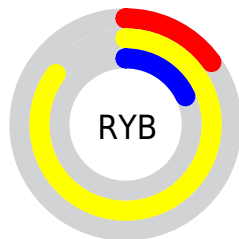
Distribution



Red (81%)

Green (85%)

Blue (15%)



Red (15%)

Yellow (85%)

Blue (18%)

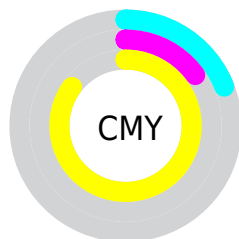


Cyan (4%)

Magenta (0%)

Yellow (83%)

Black (15%)



Cyan (19%)


Magenta (15%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5107, 0.4073, 0.5030 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 62.5107, 0.4073, 0.5030 by changing the saturation by 10% instead.


 62.5107, 0.4073,
0.5030


 62.5107, 0.4073,
0.5030


433.7915, 0.3711,
0.4242

 45.4455, 0.4123,
0.5187

 108.4633, 0.3971,
0.4772


 31.8085, 0.4164,
0.5363


 138.1195, 0.3924,
0.4666


 21.2152, 0.4184,
0.5555


 172.7414, 0.3881,
0.4573

 13.2814, 0.4196,
0.5804

 212.7135, 0.3840,
0.4490

 7.6226, 0.4054,
0.5946

 258.4202, 0.3804,
0.4417

 3.8544, 0.3836,
0.6164

 310.2458, 0.3770,

 1.5925, 0.3465,

0.4352

0.6535

368.5748, 0.3739,
0.4294

■ 0.3525, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5107, 0.4073,
0.5030

■ 62.5107, 0.4073,
0.5030

■ 62.2592, 0.4098,
0.5096

■ 62.8492, 0.4022,
0.4921

■ 62.1127, 0.4105,
0.5123

■ 63.2784, 0.3945,
0.4768

■ 63.8113, 0.3844,
0.4577

■ 64.4569, 0.3725,
0.4356

■ 65.2231, 0.3592,
0.4114

■ 66.1171, 0.3451,
0.3861

■ 67.1455, 0.3308,
0.3608

■ 68.3145, 0.3167,
0.3359

■ 69.6299, 0.3031,
0.3122

Harmonies

Analogous

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



62.5107, 0.4806, 0.4424



62.5107, 0.4073, 0.5030



62.5107, 0.3155, 0.5140

Triad

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



62.5107, 0.4073, 0.5030



62.5107, 0.1472, 0.2359



62.5107, 0.3858, 0.2452

Complementary

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



62.5107, 0.4073, 0.5030



6.8634, 0.1638, 0.0793

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.



62.5107, 0.2819, 0.2025



62.5107, 0.4073, 0.5030



62.5107, 0.1591, 0.1925

Square

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



62.5107, 0.4073, 0.5030



62.5107, 0.1687, 0.3233



62.5107, 0.2032, 0.1836



62.5107, 0.4770, 0.3046

Rectangle

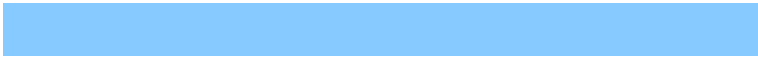
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5107, 0.4073, 0.5030



62.5107, 0.2550, 0.4729



62.5107, 0.2032, 0.1836



62.5107, 0.3501, 0.2287

Sweetspot

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



62.5136, 0.4073, 0.5030



95.9476, 0.3485, 0.3922



16.6845, 0.5959, 0.3355



20.4367, 0.3535, 0.4011



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.



62.5136, 0.4073, 0.5030



90.4490, 0.4103, 0.5120



53.0718, 0.3377, 0.5548



14.4866, 0.3259, 0.3521



36.7745, 0.4106, 0.5122



2.2281, 0.4122, 0.5109

Inverse Universe

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



6.8634, 0.1638, 0.0793



7.3794, 0.1514, 0.0611



11.4706, 0.2299, 0.1141



12.0383, 0.2989, 0.3049



2.9902, 0.1517, 0.0609



0.1911, 0.1570, 0.0639

Previews

White Background



This preview shows how the Yxy color 62.5107, 0.4073, 0.5030 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 62.5107, 0.4073, 0.5030 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 62.5107, 0.4073, 0.5030

Background



This preview shows how black text looks on a background with the Yxy color 62.5107, 0.4073, 0.5030.



This preview shows how white text looks on a background with the Yxy color 62.5107, 0.4073, 0.5030.

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

62.5107, 0.4073, 0.5030

Protanopia

62.0706, 0.4362, 0.4815

Deuteranopia

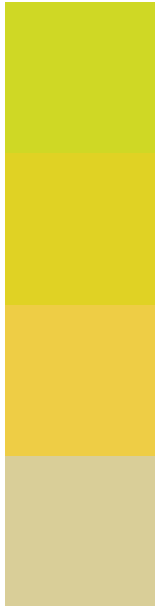
62.3363, 0.4410, 0.4353



Tritanopia

62.3126, 0.3174, 0.3113

Trichromacy



Original Color

62.5107, 0.4073, 0.5030

Protanomaly

62.0679, 0.4261, 0.4888

Deuteranomaly

62.2695, 0.4308, 0.4612

Tritanomaly

61.1613, 0.3611, 0.3919

Monochromacy



Original Color

62.5107, 0.4073, 0.5030

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.5566, 0.3585, 0.4096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5107, 0.4073, 0.5030 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(207, 216, 37)` looks like.

```
.text, #text, p{  
    color:rgb(207, 216, 37)  
}
```

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(207, 216, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 216, 37) }
```

Border

The CSS property to change the border of an element to Yxy 62.5107, 0.4073, 0.5030 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(207, 216, 37) }
```

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

```
.border{ border-color:rgb(207, 216, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 216, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 216, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 216, 37);  
box-shadow:4px 4px 4px 4px rgb(207, 216,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5107, 0.4073, 0.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 216, 37) }
```

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

```
.background{ background-color: rgb(207,  
216, 37) }
```

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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