

Converting Colors

$Y_{xy}(62.7711, 0.4105, 0.5122)$

Have a look what the booklet for
Yxy(62.7711, 0.4105, 0.5122)
contains.

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Color

Yxy(62.7475, 0.4104, 0.5123)

Conversions

Conversions Part 1

Format	Color
Hex	CED900
RGB	206, 217, 0
RGB Percent	81%, 85%, 0%
CMY	0.1922, 0.1490, 0.9991
CMYK	0.05, 0.00, 1.00, 0.15
HSL	63°, 100%, 43%
HSV	63°, 100%, 85%
XYZ	50.2666, 62.7475, 9.4679
YIQ	188.9730, 63.1010, -69.8190

Conversions

Conversions Part 2

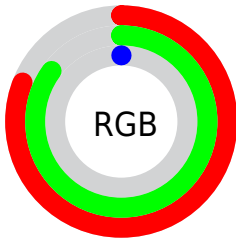
Format	Color
RYB	0, 217, 11
Decimal	13555968
CIELab	83.31, -23.71, 82.62
CIELCh	83, 85.954, 106.015
Yxy	62.7475, 0.4104, 0.5123
Android (android.graphics.Color)	4291746048 (0xFFCED900)
YUV	188.9730, -93.1637, 14.9327
Hunter-Lab	79.2133, -25.3521, 48.3628

Details

The Yxy color **62.7475, 0.4104, 0.5123** 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 **5.0878, 0.1513, 0.0608**, and the grayscale version is **51.4052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **32.0437, 0.4033, 0.5179** is the 20% darker color. If you saturate the color by 10%, you get **62.7483, 0.4104, 0.5123**, and if you desaturate by 10%, it is **62.9659, 0.4093, 0.5081**.

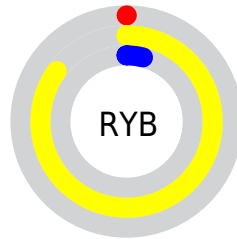
Distribution



Red (81%)

Green (85%)

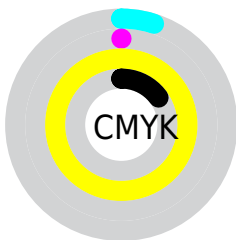
Blue (0%)



Red (0%)

Yellow (85%)

Blue (4%)

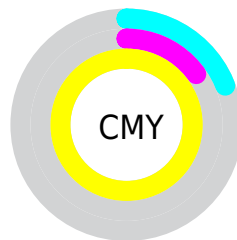


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (19%)


Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7475, 0.4104, 0.5123 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 62.7475, 0.4104, 0.5123 by changing the saturation by 10% instead.


 62.7475, 0.4104,
0.5123


 62.7475, 0.4104,
0.5123


434.6525, 0.3744,
0.4304

 45.6370, 0.4147,
0.5280

 108.8052, 0.4008,
0.4859

 31.9594, 0.4178,
0.5454


 138.5211, 0.3962,
0.4749


 21.3305, 0.4185,
0.5643


 173.2075, 0.3918,
0.4652

 13.3658, 0.4151,
0.5849

 213.2490, 0.3877,
0.4566

 7.6809, 0.3999,
0.6001

 259.0299, 0.3840,
0.4489

 3.8915, 0.3768,
0.6232


 310.9345, 0.3805,

 1.6130, 0.3374,

0.4421

0.6626


369.3472, 0.3773,
0.4359


 0.3664, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 62.7475, 0.4104,
0.5123


 62.7475, 0.4104,
0.5123

 62.7483, 0.4104,
0.5123

 62.9659, 0.4093,
0.5081

 63.2467, 0.4060,
0.5003

 63.6136, 0.4001,
0.4880

 64.0784, 0.3917,
0.4715

■ 64.6508, 0.3810,
0.4514

■ 65.3397, 0.3686,
0.4286

■ 66.1527, 0.3550,
0.4040

■ 67.0969, 0.3408,
0.3786

■ 68.1790, 0.3266,
0.3533

Harmonies

Analogous

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



62.7475, 0.4886, 0.4459



62.7475, 0.4104, 0.5123



62.7475, 0.3139, 0.5274

Triad

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



62.7475, 0.4104, 0.5123



62.7475, 0.1392, 0.2298



62.7475, 0.3901, 0.2406

Complementary

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



62.7475, 0.4104, 0.5123



5.0878, 0.1513, 0.0608

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.



62.7475, 0.2796, 0.1962



62.7475, 0.4104, 0.5123



62.7475, 0.1516, 0.1852

Square

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



62.7475, 0.4104, 0.5123



62.7475, 0.1608, 0.3219



62.7475, 0.1972, 0.1765



62.7475, 0.4876, 0.3021

Rectangle

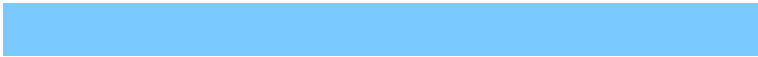
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7475, 0.4104, 0.5123



62.7475, 0.2504, 0.4839



62.7475, 0.1972, 0.1765



62.7475, 0.3520, 0.2234

Sweetspot

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



62.7504, 0.4104, 0.5123



95.2850, 0.3556, 0.4049



14.9940, 0.6370, 0.3323



20.2840, 0.3614, 0.4155



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.



62.7504, 0.4104, 0.5123



90.4059, 0.4103, 0.5124



52.2135, 0.3294, 0.5766



15.2284, 0.3259, 0.3522



37.9965, 0.4105, 0.5122



2.4722, 0.4121, 0.5110

Inverse Universe

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



5.0878, 0.1513, 0.0608



7.3052, 0.1511, 0.0606



8.9692, 0.2115, 0.0939



12.6486, 0.2989, 0.3049



3.0895, 0.1517, 0.0609



0.2115, 0.1567, 0.0637

Previews

White Background



This preview shows how the Yxy color 62.7475, 0.4104, 0.5123 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 62.7475, 0.4104, 0.5123 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 62.7475, 0.4104, 0.5123

Background



This preview shows how black text looks on a background with the Yxy color 62.7475, 0.4104, 0.5123.



This preview shows how white text looks on a background with the Yxy color 62.7475, 0.4104, 0.5123.

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

62.7475, 0.4104, 0.5123

Deuteranopia

62.3527, 0.4404, 0.4346

Tritanopia

62.6752, 0.3158, 0.3113

Trichromacy



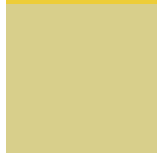
Original Color

62.7475, 0.4104, 0.5123



Deuteranomaly

61.9527, 0.4351, 0.4690



Tritanomaly

61.0887, 0.3694, 0.4081

Monochromacy



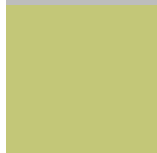
Original Color

62.7475, 0.4104, 0.5123



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.8050, 0.3681, 0.4276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7475, 0.4104, 0.5123 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(206, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 0)  
}
```

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(206, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 0) }
```

Border

The CSS property to change the border of an element to Yxy 62.7475, 0.4104, 0.5123 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(206, 217, 0) }
```

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

```
.border{ border-color:rgb(206, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(206, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
0) }
```

Background

The CSS property to change the background color of an element to Yxy 62.7475, 0.4104, 0.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 0) }
```

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

```
.background{ background-color: rgb(206,  
217, 0) }
```

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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