

Converting Colors

Yxy(56.4200, 0.4142, 0.5093)

Have a look what the booklet for
Yxy(56.4200, 0.4142, 0.5093)
contains.

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Color

Yxy(56.4220, 0.4142, 0.5093)

Conversions

Conversions Part 1

Format	Color
Hex	C8CE00
RGB	200, 206, 0
RGB Percent	78%, 81%, 0%
CMY	0.2158, 0.1921, 0.9995
CMYK	0.03, 0.00, 1.00, 0.19
HSL	62°, 100%, 40%
HSV	62°, 100%, 81%
XYZ	45.8865, 56.4220, 8.4749
YIQ	180.7220, 62.5500, -65.3380

Conversions

Conversions Part 2

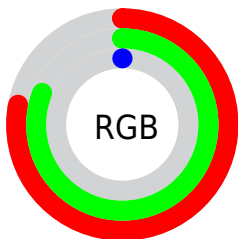
Format	Color
RYB	0, 206, 6
Decimal	13159936
CIELab	79.85, -20.92, 79.87
CIELCh	80, 82.566, 104.678
Yxy	56.4220, 0.4142, 0.5093
Android (android.graphics.Color)	4291350016 (0xFFC8CE00)
YUV	180.7220, -89.0959, 16.9068
Hunter-Lab	75.1146, -22.4072, 45.8907

Details

The Yxy color **56.4220, 0.4142, 0.5093** 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 **4.4993, 0.1508, 0.0605**, and the grayscale version is **46.5230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4359, 0.4042, 0.4802**, and **28.1192, 0.4069, 0.5151** is the 20% darker color. If you saturate the color by 10%, you get **56.4238, 0.4142, 0.5093**, and if you desaturate by 10%, it is **56.5608, 0.4126, 0.5054**.

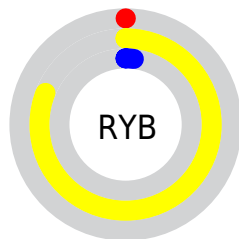
Distribution



Red (78%)

Green (81%)

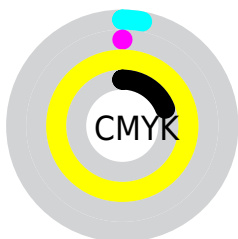
Blue (0%)



Red (0%)

Yellow (81%)

Blue (2%)

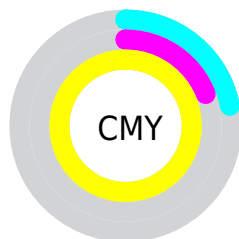


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (22%)


Magenta (19%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4220, 0.4142, 0.5093 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 56.4220, 0.4142, 0.5093 by changing the saturation by 10% instead.


 56.4220, 0.4142,
0.5093


 56.4220, 0.4142,
0.5093


411.2799, 0.3754,
0.4276

 40.5414, 0.4191,
0.5251


 99.6213, 0.4036,
0.4828


 27.9609, 0.4228,
0.5424


 127.7088, 0.3985,
0.4718

 18.2962, 0.4247,
0.5622


 160.6340, 0.3938,
0.4621

 11.1628, 0.4198,
0.5802

 198.7813, 0.3895,
0.4536

 6.1765, 0.4046,
0.5954

 242.5352, 0.3855,
0.4460

 2.9527, 0.3806,
0.6194

 292.2800, 0.3818,

 1.1071, 0.3221,

0.4392

0.6779

348.4001, 0.3785,
0.4331

■ 0.0000, 0.0000,
0.0000

■ 56.4220, 0.4142,
0.5093

■ 56.4220, 0.4142,
0.5093

■ 56.4238, 0.4142,
0.5093

■ 56.5608, 0.4126,
0.5054

■ 56.7537, 0.4089,
0.4979

■ 57.0223, 0.4026,
0.4860

■ 57.3769, 0.3938,
0.4700

■ 57.8261, 0.3828,
0.4503

■ 58.3777, 0.3700,
0.4278

■ 59.0383, 0.3561,
0.4035

■ 59.8144, 0.3415,
0.3784

■ 60.7115, 0.3269,
0.3533

Harmonies

Analogous

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



56.4220, 0.4906, 0.4424



56.4220, 0.4142, 0.5093



56.4220, 0.3184, 0.5276

Triad

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



56.4220, 0.4142, 0.5093



56.4220, 0.1400, 0.2333



56.4220, 0.3847, 0.2385

Complementary

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



56.4220, 0.4142, 0.5093



4.4993, 0.1508, 0.0605

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.



56.4220, 0.2754, 0.1953



56.4220, 0.4142, 0.5093



56.4220, 0.1510, 0.1869

Square

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



56.4220, 0.4142, 0.5093



56.4220, 0.1633, 0.3272



56.4220, 0.1949, 0.1768



56.4220, 0.4835, 0.2993

Rectangle

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



56.4220, 0.4142, 0.5093



56.4220, 0.2548, 0.4873



56.4220, 0.1949, 0.1768



56.4220, 0.3468, 0.2217

Sweetspot

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



56.4246, 0.4142, 0.5093



95.5916, 0.3567, 0.4046



13.2010, 0.6389, 0.3308



20.3587, 0.3627, 0.4151



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.



56.4246, 0.4142, 0.5093



91.3895, 0.4141, 0.5094



46.8373, 0.3339, 0.5730



13.0793, 0.3261, 0.3519



34.7473, 0.4143, 0.5093



1.7980, 0.4153, 0.5084

Inverse Universe

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



4.4993, 0.1508, 0.0605



7.2682, 0.1506, 0.0603



7.5544, 0.2050, 0.0903



10.8594, 0.2987, 0.3051



2.7754, 0.1510, 0.0606



0.1488, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 56.4220, 0.4142, 0.5093 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 56.4220, 0.4142, 0.5093 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 56.4220, 0.4142, 0.5093

Background



This preview shows how black text looks on a background with the Yxy color 56.4220, 0.4142, 0.5093.



This preview shows how white text looks on a background with the Yxy color 56.4220, 0.4142, 0.5093.

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

56.4220, 0.4142, 0.5093

Protanopia

56.0761, 0.4408, 0.4882

Deuteranopia

56.3947, 0.4678, 0.4575



Tritanopia

56.0140, 0.3200, 0.3117

Trichromacy



Original Color

56.4220, 0.4142, 0.5093

Protanomaly

56.2204, 0.4313, 0.4957

Deuteranomaly

56.2365, 0.4489, 0.4770

Tritanomaly

54.6739, 0.3736, 0.4074

Monochromacy



Original Color

56.4220, 0.4142, 0.5093

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

48.7561, 0.3693, 0.4262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4220, 0.4142, 0.5093 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(200, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 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(200, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 0) }
```

Border

The CSS property to change the border of an element to Yxy 56.4220, 0.4142, 0.5093 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(200, 206, 0) }
```

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

```
.border{ border-color:rgb(200, 206, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 206, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4220, 0.4142, 0.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 0) }
```

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

```
.background{ background-color: rgb(200,  
206, 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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