

Converting Colors

Yxy(52.1943, 0.4233, 0.4986)

Have a look what the booklet for
Yxy(52.1943, 0.4233, 0.4986)
contains.

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Color

Yxy(52.0709, 0.4231, 0.4986)

Conversions

Conversions Part 1

Format	Color
Hex	CAC40F
RGB	202, 196, 15
RGB Percent	79%, 77%, 6%
CMY	0.2078, 0.2314, 0.9407
CMYK	0.00, 0.03, 0.93, 0.21
HSL	58°, 86%, 43%
HSV	58°, 93%, 79%
XYZ	44.1861, 52.0709, 8.1772
YIQ	177.1600, 61.6770, -55.0190

Conversions

Conversions Part 2

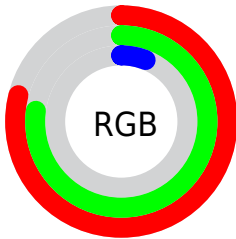
Format	Color
R_{YB}	21, 202, 15
Decimal	13288463
CIE _{Lab}	77.32, -14.92, 76.52
CIE _{LCh}	77, 77.962, 101.034
Yxy	52.0709, 0.4231, 0.4986
Android (android.graphics.Color)	4291478543 (0xFFCAC40F)
YUV	177.1600, -79.9449, 21.7847
Hunter-Lab	72.1602, -16.9787, 43.7934

Details

The Yxy color **52.0709, 0.4231, 0.4986** 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 **4.9079, 0.1540, 0.0679**, and the grayscale version is **44.4679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5689, 0.4052, 0.4771**, and **25.4846, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **51.8197, 0.4251, 0.5007**, and if you desaturate by 10%, it is **52.4554, 0.4187, 0.4930**.

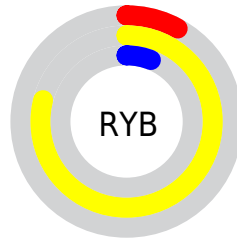
Distribution



Red (79%)

Green (77%)

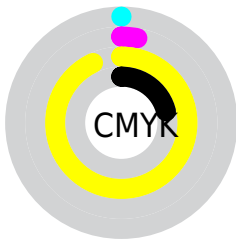
Blue (6%)



Red (8%)

Yellow (79%)

Blue (6%)

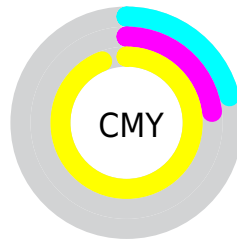


Cyan (0%)

Magenta (3%)

Yellow (93%)

Black (21%)



Cyan (21%)


Magenta (23%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0709, 0.4231, 0.4986 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 52.0709, 0.4231, 0.4986 by changing the saturation by 10% instead.


 52.0709, 0.4231,
0.4986

 52.0709, 0.4231,
0.4986

394.7103, 0.3785,
0.4216

 37.0616, 0.4296,
0.5133


 93.2358, 0.4102,
0.4737

 25.2552, 0.4352,
0.5294


 120.1602, 0.4043,
0.4633

 16.2673, 0.4400,
0.5480


 151.8250, 0.3990,
0.4542

 9.7135, 0.4373,
0.5627

 188.6147, 0.3941,
0.4461

 5.2094, 0.4254,
0.5746

 230.9137, 0.3896,
0.4390

 2.3706, 0.4062,
0.5938

 279.1064, 0.3855,

 0.8107, 0.3339,

0.4326

0.6661

333.5771, 0.3818,
0.4268

■ 0.0000, 0.0000,
0.0000

■ 52.0709, 0.4231,
0.4986

■ 52.0709, 0.4231,
0.4986

■ 51.8197, 0.4251,
0.5007

■ 52.4554, 0.4187,
0.4930

■ 52.9079, 0.4118,
0.4831

■ 53.4412, 0.4022,
0.4689

■ 54.0638, 0.3904,
0.4510

■ 54.7832, 0.3768,
0.4301

■ 55.6062, 0.3621,
0.4071

■ 56.5388, 0.3467,
0.3830

■ 57.5866, 0.3314,
0.3587

■ 58.7549, 0.3164,
0.3349

Harmonies

Analogous

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



52.0709, 0.4932, 0.4320



52.0709, 0.4231, 0.4986



52.0709, 0.3308, 0.5236

Triad

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



52.0709, 0.4231, 0.4986



52.0709, 0.1448, 0.2448



52.0709, 0.3694, 0.2346

Complementary

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



52.0709, 0.4231, 0.4986



4.9079, 0.1540, 0.0679

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.



52.0709, 0.2652, 0.1948



52.0709, 0.4231, 0.4986



52.0709, 0.1516, 0.1939

Square

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



52.0709, 0.4231, 0.4986



52.0709, 0.1725, 0.3418



52.0709, 0.1907, 0.1799



52.0709, 0.4692, 0.2928

Rectangle

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



52.0709, 0.4231, 0.4986



52.0709, 0.2678, 0.4920



52.0709, 0.1907, 0.1799



52.0709, 0.3327, 0.2188

Sweetspot

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



52.0734, 0.4231, 0.4986



94.7679, 0.3558, 0.3972



12.9582, 0.6237, 0.3276



20.1418, 0.3624, 0.4076



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.



52.0734, 0.4231, 0.4986



87.6599, 0.4251, 0.5006



45.9116, 0.3446, 0.5599



13.0324, 0.3266, 0.3512



33.3677, 0.4250, 0.5008



1.7412, 0.4238, 0.5017

Inverse Universe

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



4.9079, 0.1540, 0.0679



7.3980, 0.1504, 0.0613



7.4536, 0.2037, 0.0929



10.9008, 0.2982, 0.3058



2.8597, 0.1506, 0.0623



0.1683, 0.1528, 0.0700

Previews

White Background



This preview shows how the Yxy color 52.0709, 0.4231, 0.4986 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 52.0709, 0.4231, 0.4986 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 52.0709, 0.4231, 0.4986

Background



This preview shows how black text looks on a background with the Yxy color 52.0709, 0.4231, 0.4986.



This preview shows how white text looks on a background with the Yxy color 52.0709, 0.4231, 0.4986.

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

52.0709, 0.4231, 0.4986

Protanopia

51.7377, 0.4393, 0.4864

Deuteranopia

51.8528, 0.4675, 0.4569



Tritanopia

51.7376, 0.3288, 0.3126

Trichromacy



Original Color

52.0709, 0.4231, 0.4986

Protanomaly

51.8733, 0.4329, 0.4911

Deuteranomaly

51.5233, 0.4523, 0.4715

Tritanomaly

50.8540, 0.3791, 0.3985

Monochromacy



Original Color

52.0709, 0.4231, 0.4986

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

46.0281, 0.3677, 0.4163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0709, 0.4231, 0.4986 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(202, 196, 15)` looks like.

```
.text, #text, p{  
    color:rgb(202, 196, 15)  
}
```

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(202, 196, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 196, 15) }
```

Border

The CSS property to change the border of an element to Yxy 52.0709, 0.4231, 0.4986 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(202, 196, 15) }
```

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

```
.border{ border-color:rgb(202, 196, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 196, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 196, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 196, 15);  
box-shadow:4px 4px 4px 4px rgb(202, 196,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0709, 0.4231, 0.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 196, 15) }
```

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

```
.background{ background-color: rgb(202,  
196, 15) }
```

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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