

Converting Colors

Yxy(52.5482, 0.4287, 0.4806)

Have a look what the booklet for
Yxy(52.5482, 0.4287, 0.4806)
contains.

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Color

Yxy(52.3114, 0.4285, 0.4804)

Conversions

Conversions Part 1

Format	Color
Hex	D4C12B
RGB	212, 193, 43
RGB Percent	83%, 76%, 17%
CMY	0.1686, 0.2431, 0.8315
CMYK	0.00, 0.09, 0.80, 0.17
HSL	53°, 66%, 50%
HSV	53°, 80%, 83%
XYZ	46.6599, 52.3114, 9.9200
YIQ	181.5810, 59.4740, -42.6220

Conversions

Conversions Part 2

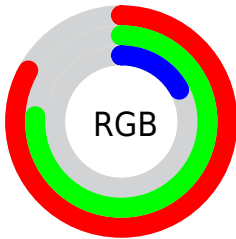
Format	Color
RYB	64, 212, 43
Decimal	13943083
CIELab	77.47, -8.44, 71.16
CIELCh	77, 71.654, 96.766
Yxy	52.3114, 0.4285, 0.4804
Android (android.graphics.Color)	4292133163 (0xFFD4C12B)
YUV	181.5810, -68.3204, 26.6775
Hunter-Lab	72.3266, -11.4162, 42.4967

Details

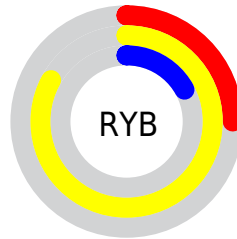
The Yxy color **52.3114, 0.4285, 0.4804** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **8.7106, 0.1688, 0.1007**, and the grayscale version is **46.8941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9707, 0.4009, 0.4654**, and **25.5285, 0.4348, 0.4930** is the 20% darker color. If you saturate the color by 10%, you get **51.1509, 0.4358, 0.4862**, and if you desaturate by 10%, it is **53.5746, 0.4184, 0.4701**.

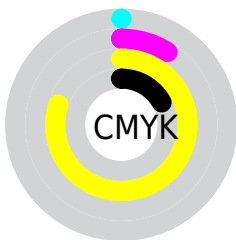
Distribution



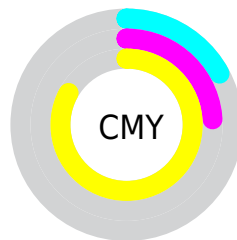
- Red (83%)
- Green (76%)
- Blue (17%)



- Red (25%)
- Yellow (83%)
- Blue (17%)



- Cyan (0%)
- Magenta (9%)
- Yellow (80%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3114, 0.4285, 0.4804 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 52.3114, 0.4285, 0.4804 by changing the saturation by 10% instead.


 52.3114, 0.4285,
0.4804


 52.3114, 0.4285,
0.4804


395.6376, 0.3792,
0.4120


 37.2533, 0.4369,
0.4936


 93.5903, 0.4133,
0.4582


 25.4037, 0.4453,
0.5081


 120.5800, 0.4068,
0.4490

 16.3781, 0.4528,
0.5233


 152.3156, 0.4009,
0.4409

 9.7921, 0.4594,
0.5406

 189.1817, 0.3956,
0.4337

 5.2613, 0.4529,
0.5471

 231.5625, 0.3908,
0.4274

 2.4014, 0.4423,
0.5577

 279.8425, 0.3865,

 0.8266, 0.4122,

0.4217

0.5878

334.4061, 0.3827,
0.4166

0.0000, 0.0000,
0.0000

52.3114, 0.4285,
0.4804

52.3114, 0.4285,
0.4804

51.1509, 0.4358,
0.4862

53.5746, 0.4184,
0.4701

50.0662, 0.4407,
0.4882

54.9443, 0.4059,
0.4556

50.0376, 0.4408,
0.4882

56.4321, 0.3915,
0.4377

58.0464, 0.3758,
0.4172

59.7946, 0.3595,
0.3952

■ 61.6835, 0.3432,
0.3726

■ 63.7192, 0.3274,
0.3502

■ 65.9078, 0.3123,
0.3284

■ 68.2545, 0.2982,
0.3078

Harmonies

Analogous

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



52.3114, 0.4874, 0.4184



52.3114, 0.4285, 0.4804



52.3114, 0.3444, 0.5080

Triad

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



52.3114, 0.4285, 0.4804



52.3114, 0.1573, 0.2625



52.3114, 0.3510, 0.2345

Complementary

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



52.3114, 0.4285, 0.4804



8.7106, 0.1688, 0.1007

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.



52.3114, 0.2573, 0.1999



52.3114, 0.4285, 0.4804



52.3114, 0.1590, 0.2080

Square

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



52.3114, 0.4285, 0.4804



52.3114, 0.1895, 0.3572



52.3114, 0.1918, 0.1896



52.3114, 0.4456, 0.2878

Rectangle

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



52.3114, 0.4285, 0.4804



52.3114, 0.2850, 0.4861



52.3114, 0.1918, 0.1896



52.3114, 0.3177, 0.2205

Sweetspot

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



52.3139, 0.4285, 0.4804



92.3527, 0.3506, 0.3829



16.0802, 0.5643, 0.3139



19.5485, 0.3565, 0.3910



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.



52.3139, 0.4285, 0.4804



76.4766, 0.4394, 0.4878



53.4908, 0.3596, 0.5336



14.2703, 0.3269, 0.3495



30.9791, 0.4404, 0.4885



1.9379, 0.4363, 0.4918

Inverse Universe

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



8.7106, 0.1688, 0.1007



8.6550, 0.1536, 0.0705



9.6536, 0.2061, 0.1052



12.2313, 0.2981, 0.3076



3.4076, 0.1524, 0.0686



0.2828, 0.1585, 0.0905

Previews

White Background



This preview shows how the Yxy color 52.3114, 0.4285, 0.4804 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 52.3114, 0.4285, 0.4804 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 52.3114, 0.4285, 0.4804

Background



This preview shows how black text looks on a background with the Yxy color 52.3114, 0.4285, 0.4804.



This preview shows how white text looks on a background with the Yxy color 52.3114, 0.4285, 0.4804.

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

52.3114, 0.4285, 0.4804

Protanopia

52.3208, 0.4320, 0.4777

Deuteranopia

52.3784, 0.4612, 0.4510



Tritanopia

52.2255, 0.3386, 0.3130

Trichromacy



Original Color

52.3114, 0.4285, 0.4804

Protanomaly

52.1698, 0.4311, 0.4783

Deuteranomaly

52.1460, 0.4490, 0.4617

Tritanomaly

51.6221, 0.3807, 0.3837

Monochromacy



Original Color

52.3114, 0.4285, 0.4804

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.0940, 0.3631, 0.4001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3114, 0.4285, 0.4804 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(212, 193, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 43)  
}
```

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(212, 193, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 43) }
```

Border

The CSS property to change the border of an element to Yxy 52.3114, 0.4285, 0.4804 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(212, 193, 43) }
```

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

```
.border{ border-color:rgb(212, 193, 43) }
```

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

Here you see how a box with a 4 pixel rgb(212, 193, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3114, 0.4285, 0.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 43) }
```

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

```
.background{ background-color: rgb(212,  
193, 43) }
```

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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