

Converting Colors

$Yxy(52.6308, 0.4082, 0.4953)$

Have a look what the booklet for
Yxy(52.6308, 0.4082, 0.4953)
contains.

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Color

Yxy(52.6308, 0.4082, 0.4953)

Conversions

Conversions Part 1

Format	Color
Hex	C3C72C
RGB	195, 199, 44
RGB Percent	76%, 78%, 17%
CMY	0.2355, 0.2195, 0.8275
CMYK	0.02, 0.00, 0.78, 0.22
HSL	62°, 64%, 48%
HSV	62°, 78%, 78%
XYZ	43.3755, 52.6308, 10.2541
YIQ	180.1340, 47.3710, -49.0530

Conversions

Conversions Part 2

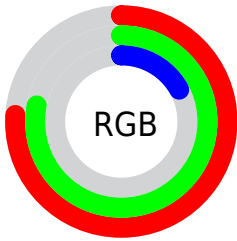
Format	Color
R _Y B	44, 199, 48
Decimal	12830508
CIE Lab	77.66, -18.74, 70.48
CIE LCh	78, 72.932, 104.890
Yxy	52.6308, 0.4082, 0.4953
Android (android.graphics.Color)	4291020588 (0xFFC3C72C)
YUV	180.1340, -67.1141, 13.0375
Hunter-Lab	72.5471, -20.2332, 42.4026

Details

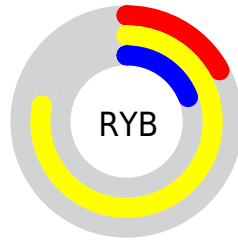
The Yxy color **52.6308, 0.4082, 0.4953** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **6.5548, 0.1688, 0.0890**, and the grayscale version is **46.0639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **25.5692, 0.4099, 0.5127** is the 20% darker color. If you saturate the color by 10%, you get **52.4485, 0.4125, 0.5037**, and if you desaturate by 10%, it is **52.8900, 0.4013, 0.4826**.

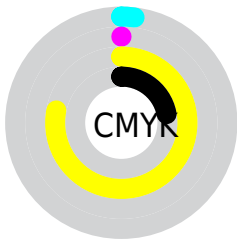
Distribution



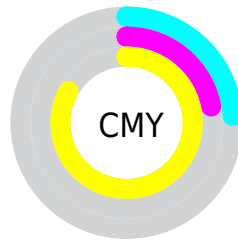
- Red (76%)
- Green (78%)
- Blue (17%)



- Red (17%)
- Yellow (78%)
- Blue (19%)



- Cyan (2%)
- Magenta (0%)
- Yellow (78%)
- Black (22%)




- Cyan (24%)
- Magenta (22%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6308, 0.4082, 0.4953 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 52.6308, 0.4082, 0.4953 by changing the saturation by 10% instead.


 52.6308, 0.4082,
0.4953


 52.6308, 0.4082,
0.4953


396.8670, 0.3692,
0.4173

 37.5081, 0.4142,
0.5114


 94.0609, 0.3967,
0.4692

 25.6012, 0.4195,
0.5297


 121.1371, 0.3915,
0.4587

 16.5255, 0.4228,
0.5500


 152.9665, 0.3869,
0.4495


 9.8968, 0.4245,
0.5755

 189.9337, 0.3826,
0.4414

 5.3306, 0.4096,
0.5904

 232.4229, 0.3787,
0.4343

 2.4425, 0.3856,
0.6144

 280.8186, 0.3752,

 0.8476, 0.2911,

0.4280

0.7089

335.5052, 0.3721,
0.4224

0.0000, 0.0000,
0.0000

52.6308, 0.4082,
0.4953

52.6308, 0.4082,
0.4953

52.4485, 0.4125,
0.5037

52.8900, 0.4013,
0.4826

52.3223, 0.4145,
0.5081

53.2277, 0.3919,
0.4658

52.2986, 0.4148,
0.5089

53.6541, 0.3804,
0.4455

54.1762, 0.3673,
0.4227

54.8000, 0.3532,
0.3983

■ 55.5311, 0.3386,
0.3731

■ 56.3749, 0.3240,
0.3482

■ 57.3362, 0.3098,
0.3240

■ 58.4196, 0.2963,
0.3011

Harmonies

Analogous

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



52.6308, 0.4772, 0.4374



52.6308, 0.4082, 0.4953



52.6308, 0.3199, 0.5067

Triad

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



52.6308, 0.4082, 0.4953



52.6308, 0.1527, 0.2423



52.6308, 0.3792, 0.2463

Complementary

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



52.6308, 0.4082, 0.4953



6.5548, 0.1688, 0.0890

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.



52.6308, 0.2799, 0.2055



52.6308, 0.4082, 0.4953



52.6308, 0.1630, 0.1981

Square

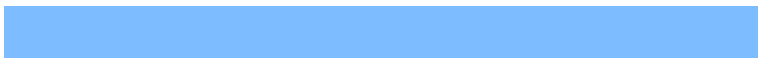
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.6308, 0.4082, 0.4953



52.6308, 0.1753, 0.3281



52.6308, 0.2048, 0.1881



52.6308, 0.4678, 0.3037

Rectangle

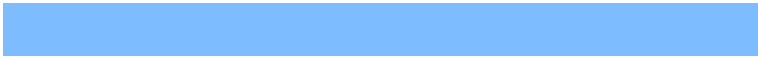
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.6308, 0.4082, 0.4953



52.6308, 0.2610, 0.4692



52.6308, 0.2048, 0.1881



52.6308, 0.3450, 0.2304

Sweetspot

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



52.6332, 0.4082, 0.4953



96.4913, 0.3465, 0.3868



14.3257, 0.5794, 0.3319



20.5561, 0.3519, 0.3960



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.



52.6332, 0.4082, 0.4953



91.6642, 0.4140, 0.5069



44.9532, 0.3432, 0.5417



12.4023, 0.3261, 0.3519



33.6288, 0.4148, 0.5088



1.5969, 0.4158, 0.5080

Inverse Universe

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



6.5548, 0.1688, 0.0890



7.8427, 0.1533, 0.0645



10.2169, 0.2305, 0.1206



10.3005, 0.2987, 0.3051



2.6791, 0.1509, 0.0605



0.1316, 0.1543, 0.0623

Previews

White Background



This preview shows how the Yxy color 52.6308, 0.4082, 0.4953 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 52.6308, 0.4082, 0.4953 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 52.6308, 0.4082, 0.4953

Background



This preview shows how black text looks on a background with the Yxy color 52.6308, 0.4082, 0.4953.



This preview shows how white text looks on a background with the Yxy color 52.6308, 0.4082, 0.4953.

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

52.6308, 0.4082, 0.4953

Protanopia

52.4654, 0.4332, 0.4776

Deuteranopia

52.4046, 0.4600, 0.4496



Tritanopia

52.2780, 0.3202, 0.3112

Trichromacy



Original Color

52.6308, 0.4082, 0.4953

Protanomaly

52.6145, 0.4233, 0.4845

Deuteranomaly

52.0355, 0.4413, 0.4660

Tritanomaly

51.5066, 0.3612, 0.3875

Monochromacy



Original Color

52.6308, 0.4082, 0.4953

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.4936, 0.3555, 0.4032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6308, 0.4082, 0.4953 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(195, 199, 44)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 44)  
}
```

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(195, 199, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 44) }
```

Border

The CSS property to change the border of an element to Yxy 52.6308, 0.4082, 0.4953 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(195, 199, 44) }
```

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

```
.border{ border-color:rgb(195, 199, 44) }
```

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

Here you see how a box with a 4 pixel rgb(195, 199, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 44);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6308, 0.4082, 0.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 44) }
```

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

```
.background{ background-color: rgb(195,  
199, 44) }
```

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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