

Converting Colors

Yxy(54.9084, 0.4087, 0.4898)

Have a look what the booklet for
Yxy(54.9084, 0.4087, 0.4898)
contains.

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Color

Yxy(54.9065, 0.4086, 0.4895)

Conversions

Conversions Part 1

Format	Color
Hex	C9CA34
RGB	201, 202, 52
RGB Percent	79%, 79%, 20%
CMY	0.2117, 0.2078, 0.7961
CMYK	0.00, 0.00, 0.74, 0.21
HSL	60°, 59%, 50%
HSV	60°, 74%, 79%
XYZ	45.8321, 54.9065, 11.4300
YIQ	184.6010, 47.5540, -46.8620

Conversions

Conversions Part 2

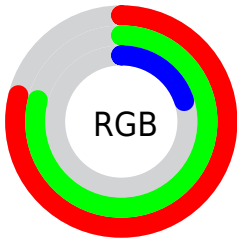
Format	Color
RYB	52, 202, 53
Decimal	13224500
CIELab	78.99, -17.34, 69.43
CIELCh	79, 71.559, 104.026
Yxy	54.9065, 0.4086, 0.4895
Android (android.graphics.Color)	4291414580 (0xFFC9CA34)
YUV	184.6010, -65.3723, 14.3819
Hunter-Lab	74.0989, -19.2663, 42.7236

Details

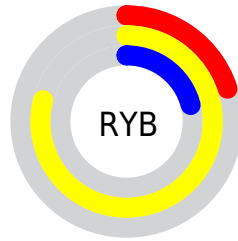
The Yxy color **54.9065, 0.4086, 0.4895** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **7.4759, 0.1724, 0.0965**, and the grayscale version is **48.6353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9058, 0.3944, 0.4640**, and **27.0194, 0.4136, 0.5098** is the 20% darker color. If you saturate the color by 10%, you get **54.7461, 0.4142, 0.4990**, and if you desaturate by 10%, it is **55.1498, 0.4004, 0.4757**.

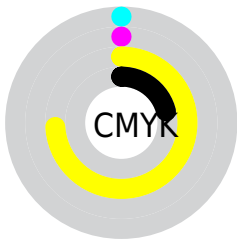
Distribution



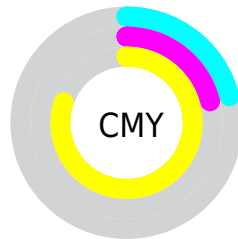
- Red (79%)
- Green (79%)
- Blue (20%)



- Red (20%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (74%)
- Black (21%)




- Cyan (21%)
- Magenta (21%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9065, 0.4086, 0.4895 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 54.9065, 0.4086, 0.4895 by changing the saturation by 10% instead.


 54.9065, 0.4086,
0.4895


 54.9065, 0.4086,
0.4895


405.5574, 0.3690,
0.4147


 39.3269, 0.4149,
0.5049


 97.4040, 0.3967,
0.4645


 27.0141, 0.4209,
0.5226


 125.0906, 0.3915,
0.4544

 17.5838, 0.4254,
0.5421


 157.5816, 0.3868,
0.4456

 10.6516, 0.4308,
0.5692

 195.2615, 0.3825,
0.4379

 5.8331, 0.4178,
0.5822

 238.5146, 0.3786,
0.4310

 2.7438, 0.3972,
0.6028

287.7254, 0.3751,

 0.9995, 0.3432,

0.4250

0.6568

343.2782, 0.3719,
0.4196

0.0000, 0.0000,
0.0000

54.9065, 0.4086,
0.4895

54.9065, 0.4086,
0.4895

54.7461, 0.4142,
0.4990

55.1498, 0.4004,
0.4757

54.6503, 0.4172,
0.5043

55.4773, 0.3899,
0.4579

54.6143, 0.4182,
0.5062

55.8991, 0.3774,
0.4370

56.4220, 0.3635,
0.4137

57.0523, 0.3487,
0.3891

■ 57.7956, 0.3337,
0.3640

■ 58.6571, 0.3189,
0.3393

■ 59.6419, 0.3046,
0.3155

■ 60.7547, 0.2911,
0.2930

Harmonies

Analogous

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



54.9065, 0.4744, 0.4335



54.9065, 0.4086, 0.4895



54.9065, 0.3229, 0.5011

Triad

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



54.9065, 0.4086, 0.4895



54.9065, 0.1569, 0.2471



54.9065, 0.3744, 0.2472

Complementary

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



54.9065, 0.4086, 0.4895



7.4759, 0.1724, 0.0965

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.



54.9065, 0.2786, 0.2078



54.9065, 0.4086, 0.4895



54.9065, 0.1660, 0.2025

Square

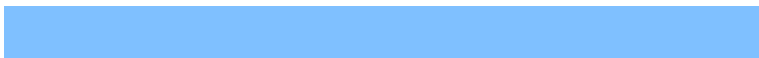
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.9065, 0.4086, 0.4895



54.9065, 0.1804, 0.3315



54.9065, 0.2062, 0.1916



54.9065, 0.4609, 0.3031

Rectangle

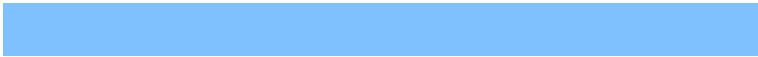
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9065, 0.4086, 0.4895



54.9065, 0.2654, 0.4662



54.9065, 0.2062, 0.1916



54.9065, 0.3414, 0.2318

Sweetspot

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



54.9091, 0.4086, 0.4895



96.8296, 0.3458, 0.3842



15.2599, 0.5663, 0.3298



20.6565, 0.3499, 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.



54.9091, 0.4086, 0.4895



92.5848, 0.4163, 0.5027



47.0003, 0.3457, 0.5329



13.0929, 0.3265, 0.3519



35.1456, 0.4182, 0.5061



1.8144, 0.4184, 0.5060

Inverse Universe

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



7.4759, 0.1724, 0.0965



8.3219, 0.1550, 0.0679



11.2316, 0.2324, 0.1264



10.8474, 0.2983, 0.3050



2.7510, 0.1502, 0.0601



0.1432, 0.1510, 0.0606

Previews

White Background



This preview shows how the Yxy color 54.9065, 0.4086, 0.4895 looks on a white background.

Color Contrast Check

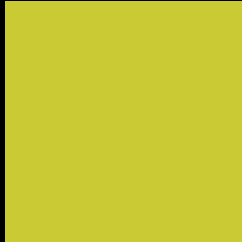
Large Text (above 18pt) WCAG AA × Fail

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 54.9065, 0.4086, 0.4895 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 54.9065, 0.4086, 0.4895

Background



This preview shows how black text looks on a background with the Yxy color 54.9065, 0.4086, 0.4895.



This preview shows how white text looks on a background with the Yxy color 54.9065, 0.4086, 0.4895.

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

54.9065, 0.4086, 0.4895

Protanopia

54.7702, 0.4296, 0.4751

Deuteranopia

54.8461, 0.4567, 0.4473



Tritanopia

54.5744, 0.3226, 0.3116

Trichromacy



Original Color

54.9065, 0.4086, 0.4895

Protanomaly

54.6242, 0.4216, 0.4804

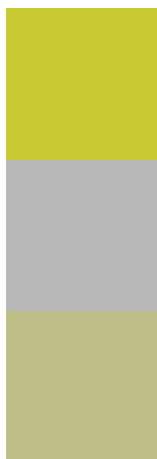
Deuteranomaly

54.6428, 0.4394, 0.4628

Tritanomaly

53.8334, 0.3615, 0.3838

Monochromacy



Original Color

54.9065, 0.4086, 0.4895

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.1441, 0.3549, 0.3987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9065, 0.4086, 0.4895 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(201, 202, 52)` looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 52)  
}
```

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(201, 202, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 52) }
```

Border

The CSS property to change the border of an element to Yxy 54.9065, 0.4086, 0.4895 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(201, 202, 52) }
```

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

```
.border{ border-color:rgb(201, 202, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 202, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 52);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9065, 0.4086, 0.4895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 52) }
```

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

```
.background{ background-color: rgb(201,  
202, 52) }
```

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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