

Converting Colors

$Yxy(58.4711, 0.4051, 0.4550)$

Have a look what the booklet for
Yxy(58.4711, 0.4051, 0.4550)
contains.

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Color

Yxy(58.3386, 0.4056, 0.4544)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DACB59 |
| RGB | 218, 203, 89 |
| RGB Percent | 85%, 80%, 35% |
| CMY | 0.1451, 0.2039, 0.6508 |
| CMYK | 0.00, 0.07, 0.59, 0.15 |
| HSL | 53°, 64%, 60% |
| HSV | 53°, 59%, 85% |
| XYZ | 52.0734, 58.3386, 17.9740 |
| YIQ | 194.4890, 45.5340, -32.2740 |

Conversions

Conversions Part 2

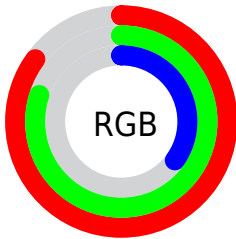
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 106, 218, 89 |
| Decimal | 14338905 |
| CIELab | 80.93, -8.66, 57.40 |
| CIELCh | 81, 58.051, 98.576 |
| Yxy | 58.3386, 0.4056, 0.4544 |
| Android (android.graphics.Color) | 4292528985 (0xFFDACB59) |
| YUV | 194.4890, -52.0061, 20.6191 |
| Hunter-Lab | 76.3797, -11.9686, 39.5134 |

Details

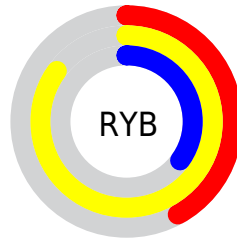
The Yxy color **58.3386, 0.4056, 0.4544** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **17.0937, 0.2025, 0.1593**, and the grayscale version is **54.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7632, 0.3782, 0.4373**, and **29.0840, 0.4227, 0.4815** is the 20% darker color. If you saturate the color by 10%, you get **56.8402, 0.4183, 0.4690**, and if you desaturate by 10%, it is **59.9705, 0.3910, 0.4363**.

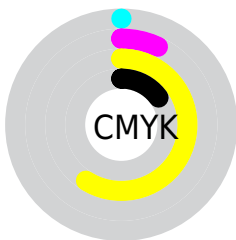
Distribution



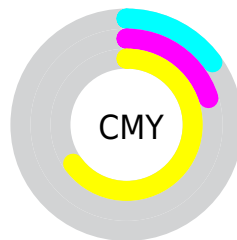
- Red (85%)
- Green (80%)
- Blue (35%)



- Red (42%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3386, 0.4056, 0.4544 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 58.3386, 0.4056, 0.4544 by changing the saturation by 10% instead.


 58.3386, 0.4056,
0.4544

 58.3386, 0.4056,
0.4544


418.4465, 0.3645,
0.3961


 42.0809, 0.4137,
0.4669


 102.4158, 0.3922,
0.4346


 29.1647, 0.4228,
0.4815


 131.0041, 0.3867,
0.4268

 19.2054, 0.4325,
0.4986


 164.4713, 0.3818,
0.4199

 11.8188, 0.4419,
0.5178

 203.2020, 0.3775,
0.4140

 6.6204, 0.4546,
0.5454

247.5805, 0.3737,
0.4087

 3.2259, 0.4456,
0.5544

297.9911, 0.3703,

 1.2508, 0.4296,

0.4040

0.5704

354.8183, 0.3672,
0.3998

■ 0.1026, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3386, 0.4056,
0.4544

■ 58.3386, 0.4056,
0.4544

■ 56.8402, 0.4183,
0.4690

■ 59.9705, 0.3910,
0.4363

■ 55.4571, 0.4287,
0.4795

■ 61.7364, 0.3751,
0.4158


■ 54.1802, 0.4362,
0.4855


■ 63.6470, 0.3587,
0.3938

■ 52.9905, 0.4412,
0.4875

■ 65.7094, 0.3424,
0.3712

 52.8923, 0.4416,
0.4876

 67.9305, 0.3265,
0.3489

 70.3164, 0.3115,
0.3272

 72.8729, 0.2974,
0.3067

 75.0506, 0.2894,
0.2958

 76.4173, 0.2895,
0.2985

Harmonies

Analogous

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



58.3386, 0.4519, 0.4098



58.3386, 0.4056, 0.4544



58.3386, 0.3376, 0.4662

Triad

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



58.3386, 0.4056, 0.4544



58.3386, 0.1852, 0.2752



58.3386, 0.3486, 0.2546

Complementary

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



58.3386, 0.4056, 0.4544



17.0937, 0.2025, 0.1593

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.



58.3386, 0.2736, 0.2243



58.3386, 0.4056, 0.4544



58.3386, 0.1875, 0.2306

Square

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



58.3386, 0.4056, 0.4544



58.3386, 0.2120, 0.3476



58.3386, 0.2173, 0.2150



58.3386, 0.4204, 0.3006

Rectangle

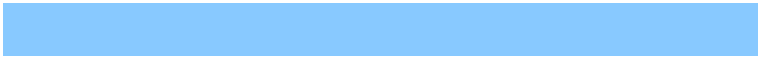
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3386, 0.4056, 0.4544



58.3386, 0.2894, 0.4447



58.3386, 0.2173, 0.2150



58.3386, 0.3225, 0.2425

Sweetspot

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



58.3413, 0.4056, 0.4544



94.0308, 0.3408, 0.3690



23.0568, 0.4743, 0.3125



19.9353, 0.3455, 0.3756



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.



58.3413, 0.4056, 0.4544



80.5716, 0.4211, 0.4720



59.2505, 0.3565, 0.4896



14.9919, 0.3270, 0.3495



31.7912, 0.4412, 0.4879



2.1344, 0.4372, 0.4911

Inverse Universe

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



17.0937, 0.2025, 0.1593



16.8580, 0.1804, 0.1218



17.6559, 0.2376, 0.1566



12.8597, 0.2981, 0.3077



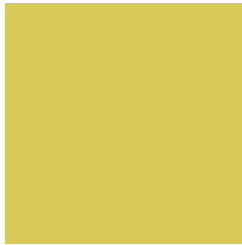
3.5386, 0.1525, 0.0689



0.3123, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 58.3386, 0.4056, 0.4544 looks on a white background.

Color Contrast Check

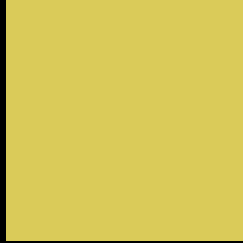
Large Text (above 18pt) WCAG AA × Fail

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 58.3386, 0.4056, 0.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

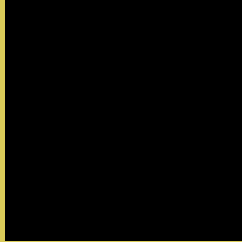
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3386, 0.4056, 0.4544

Background



This preview shows how black text looks on a background with the Yxy color 58.3386, 0.4056, 0.4544.



This preview shows how white text looks on a background with the Yxy color 58.3386, 0.4056, 0.4544.

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

58.3386, 0.4056, 0.4544

Protanopia

58.1658, 0.4118, 0.4512

Deuteranopia

57.9908, 0.4376, 0.4281



Tritanopia

58.3758, 0.3323, 0.3124

Trichromacy



Original Color

58.3386, 0.4056, 0.4544

Protanomaly

58.3178, 0.4094, 0.4530

Deuteranomaly

57.7901, 0.4261, 0.4371

Tritanomaly

57.6821, 0.3627, 0.3659

Monochromacy



Original Color

58.3386, 0.4056, 0.4544

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0293, 0.3489, 0.3794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3386, 0.4056, 0.4544 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(218, 203, 89)` looks like.

```
.text, #text, p{  
    color:rgb(218, 203, 89)  
}
```

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(218, 203, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 203, 89) }
```

Border

The CSS property to change the border of an element to Yxy 58.3386, 0.4056, 0.4544 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(218, 203, 89) }
```

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

```
.border{ border-color:rgb(218, 203, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 203, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 203, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 203, 89);  
box-shadow:4px 4px 4px 4px rgb(218, 203,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3386, 0.4056, 0.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 203, 89) }
```

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

```
.background{ background-color: rgb(218,  
203, 89) }
```

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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