

Converting Colors

Yxy(59.4508, 0.4119, 0.4774)

Have a look what the booklet for
Yxy(59.4508, 0.4119, 0.4774)
contains.

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Color

Yxy(59.4544, 0.4119, 0.4775)

Conversions

Conversions Part 1

Format	Color
Hex	D7CF41
RGB	215, 207, 65
RGB Percent	84%, 81%, 25%
CMY	0.1569, 0.1882, 0.7452
CMYK	0.00, 0.04, 0.70, 0.16
HSL	57°, 65%, 55%
HSV	57°, 70%, 84%
XYZ	51.2864, 59.4544, 13.7710
YIQ	193.2040, 50.3500, -42.4660

Conversions

Conversions Part 2

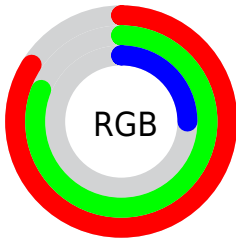
Format	Color
RYB	73, 215, 65
Decimal	14143297
CIELab	81.54, -13.37, 67.78
CIELCh	82, 69.089, 101.162
Yxy	59.4544, 0.4119, 0.4775
Android (android.graphics.Color)	4292333377 (0xFFD7CF41)
YUV	193.2040, -63.2046, 19.1151
Hunter-Lab	77.1067, -16.2099, 43.3857

Details

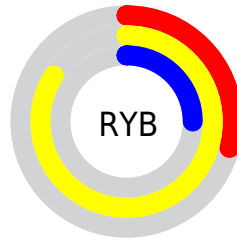
The Yxy color **59.4544, 0.4119, 0.4775** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.7875, 0.1807, 0.1159**, and the grayscale version is **53.8109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1605, 0.3893, 0.4557**, and **29.9506, 0.4238, 0.5017** is the 20% darker color. If you saturate the color by 10%, you get **58.7024, 0.4201, 0.4883**, and if you desaturate by 10%, it is **60.3107, 0.4011, 0.4625**.

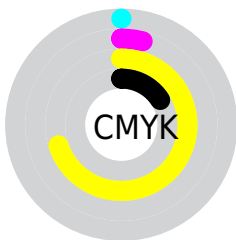
Distribution



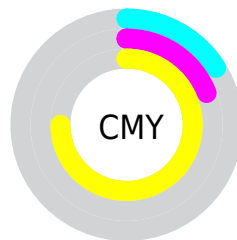
- Red (84%)
- Green (81%)
- Blue (25%)



- Red (29%)
- Yellow (84%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4544, 0.4119, 0.4775 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 59.4544, 0.4119, 0.4775 by changing the saturation by 10% instead.

■ 59.4544, 0.4119,
0.4775

■ 59.4544, 0.4119,
0.4775

■ 422.5838, 0.3703,
0.4096

■ 42.9790, 0.4191,
0.4914

■ 104.0378, 0.3990,
0.4549

■ 29.8687, 0.4265,
0.5073

■ 132.9146, 0.3935,
0.4458

■ 19.7389, 0.4333,
0.5250

■ 166.6940, 0.3886,
0.4378

■ 12.2054, 0.4406,
0.5474

■ 205.7604, 0.3841,
0.4308

■ 6.8837, 0.4370,
0.5630

■ 250.4982, 0.3801,
0.4245

■ 3.3895, 0.4232,
0.5768

301.2917, 0.3765,

■ 1.3383, 0.3991,

0.4190

0.6009

358.5255, 0.3732,
0.4140

■ 0.1706, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4544, 0.4119,
0.4775

■ 59.4544, 0.4119,
0.4775

■ 58.7024, 0.4201,
0.4883

■ 60.3107, 0.4011,
0.4625

■ 58.0349, 0.4257,
0.4948

■ 61.2727, 0.3882,
0.4438

■ 57.4348, 0.4289,
0.4975

■ 62.3514, 0.3738,
0.4225

■ 57.4213, 0.4290,
0.4976

■ 63.5547, 0.3585,
0.3994

64.8893, 0.3428,
0.3755

66.3618, 0.3273,
0.3517

67.9780, 0.3124,
0.3285

69.7436, 0.2983,
0.3064

71.4385, 0.2872,
0.2892

Harmonies

Analogous

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



59.4544, 0.4706, 0.4240



59.4544, 0.4119, 0.4775



59.4544, 0.3316, 0.4919

Triad

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



59.4544, 0.4119, 0.4775



59.4544, 0.1652, 0.2583



59.4544, 0.3622, 0.2470

Complementary

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



59.4544, 0.4119, 0.4775



10.7875, 0.1807, 0.1159

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.



59.4544, 0.2730, 0.2111



59.4544, 0.4119, 0.4775



59.4544, 0.1709, 0.2117

Square

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



59.4544, 0.4119, 0.4775



59.4544, 0.1914, 0.3412



59.4544, 0.2067, 0.1980



59.4544, 0.4459, 0.2996

Rectangle

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



59.4544, 0.4119, 0.4775



59.4544, 0.2764, 0.4635



59.4544, 0.2067, 0.1980



59.4544, 0.3312, 0.2328

Sweetspot

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



59.4572, 0.4119, 0.4775



95.2170, 0.3450, 0.3790



18.7307, 0.5326, 0.3200



20.2606, 0.3494, 0.3856



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.



59.4572, 0.4119, 0.4775



85.8938, 0.4233, 0.4921



55.4540, 0.3535, 0.5183



14.4016, 0.3268, 0.3508



34.4029, 0.4288, 0.4977



2.1104, 0.4270, 0.4991

Inverse Universe

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



10.7875, 0.1807, 0.1159



10.1591, 0.1604, 0.0807



13.4288, 0.2280, 0.1311



12.1134, 0.2981, 0.3062



3.1315, 0.1510, 0.0636



0.2270, 0.1541, 0.0748

Previews

White Background



This preview shows how the Yxy color 59.4544, 0.4119, 0.4775 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 59.4544, 0.4119, 0.4775 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 59.4544, 0.4119, 0.4775

Background



This preview shows how black text looks on a background with the Yxy color 59.4544, 0.4119, 0.4775.



This preview shows how white text looks on a background with the Yxy color 59.4544, 0.4119, 0.4775.

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

59.4544, 0.4119, 0.4775

Protanopia

59.4129, 0.4254, 0.4684

Deuteranopia

59.0241, 0.4529, 0.4422



Tritanopia

59.0743, 0.3281, 0.3113

Trichromacy



Original Color

59.4544, 0.4119, 0.4775

Protanomaly

59.2439, 0.4213, 0.4714

Deuteranomaly

58.7006, 0.4384, 0.4546

Tritanomaly

58.5105, 0.3649, 0.3765

Monochromacy



Original Color

59.4544, 0.4119, 0.4775

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.8810, 0.3545, 0.3933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4544, 0.4119, 0.4775 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(215, 207, 65)` looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 65)  
}
```

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(215, 207, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 65) }
```

Border

The CSS property to change the border of an element to Yxy 59.4544, 0.4119, 0.4775 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(215, 207, 65) }
```

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

```
.border{ border-color:rgb(215, 207, 65) }
```

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

Here you see how a box with a 4 pixel rgb(215, 207, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 207, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 207, 65);  
box-shadow:4px 4px 4px 4px rgb(215, 207,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4544, 0.4119, 0.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 65) }
```

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

```
.background{ background-color: rgb(215,  
207, 65) }
```

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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