

Converting Colors

$Yxy(62.0690, 0.4324, 0.4554)$

Have a look what the booklet for
Yxy(62.0690, 0.4324, 0.4554)
contains.

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Color

Yxy(61.9071, 0.4325, 0.4549)

Conversions

Conversions Part 1

Format	Color
Hex	F1CB4A
RGB	241, 203, 74
RGB Percent	95%, 80%, 29%
CMY	0.0550, 0.2038, 0.7098
CMYK	0.00, 0.16, 0.69, 0.06
HSL	46°, 86%, 62%
HSV	46°, 69%, 94%
XYZ	58.8587, 61.9071, 15.3237
YIQ	199.6560, 64.0570, -32.0630

Conversions

Conversions Part 2

Format	Color
RYB	123, 241, 74
Decimal	15846218
CIELab	82.86, 0.04, 66.42
CIElCh	83, 66.424, 89.963
Yxy	61.9071, 0.4325, 0.4549
Android (android.graphics.Color)	4294036298 (0xFFFF1CB4A)
YUV	199.6560, -61.9484, 36.2587
Hunter-Lab	78.6811, -4.1619, 43.5296

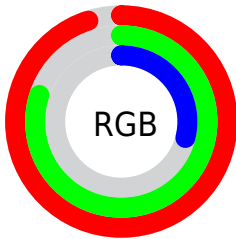
Details

The Yxy color **61.9071, 0.4325, 0.4549** is a light color, and the websafe version is hex **FFCC33**.

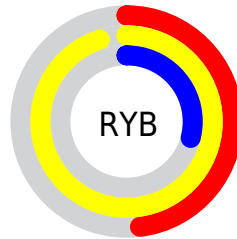
The color can be described as light washed yellow. A complement of this color would be **19.3792, 0.1891, 0.1496**, and the grayscale version is **57.8944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3650, 0.3855, 0.4493**, and **31.3252, 0.4538, 0.4767** is the 20% darker color. If you saturate the color by 10%, you get **59.1038, 0.4467, 0.4638**, and if you desaturate by 10%, it is **64.9320, 0.4161, 0.4418**.

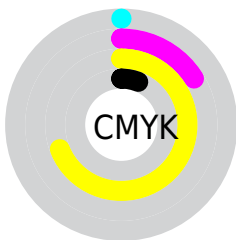
Distribution



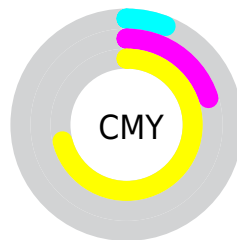
- Red (95%)
- Green (80%)
- Blue (29%)



- Red (48%)
- Yellow (95%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (69%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9071, 0.4325, 0.4549 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 61.9071, 0.4325, 0.4549 by changing the saturation by 10% instead.


 61.9071, 0.4325,
0.4549

 61.9071, 0.4325,
0.4549


431.5921, 0.3803,
0.4000


 44.9576, 0.4425,
0.4654


 107.5913, 0.4157,
0.4373

 31.4241, 0.4535,
0.4770


 137.0947, 0.4088,
0.4300


 20.9220, 0.4652,
0.4892


 171.5517, 0.4026,
0.4235

 13.0670, 0.4776,
0.5023

 211.3465, 0.3971,
0.4177

 7.4747, 0.4875,
0.5125

 256.8635, 0.3922,
0.4126

 3.7607, 0.4875,
0.5125

308.4872, 0.3878,

 1.5406, 0.4876,

0.4079

366.6020, 0.3839,
0.4038

0.5124

■ 0.3171, 0.4882,
0.5118

■ 0.0000, 0.0000,
0.0000

■ 61.9071, 0.4325,
0.4549

■ 61.9071, 0.4325,
0.4549

■ 59.1038, 0.4467,
0.4638

■ 64.9320, 0.4161,
0.4418

■ 56.4972, 0.4580,
0.4678

■ 68.1833, 0.3982,
0.4254


■ 54.0658, 0.4665,
0.4674

■ 71.6759, 0.3798,
0.4068


■ 53.8985, 0.4671,
0.4673


■ 75.4207, 0.3614,
0.3869

 79.4277, 0.3438,
0.3667

 83.7063, 0.3271,
0.3468

 88.2652, 0.3117,
0.3277

 92.3314, 0.3042,
0.3210

 95.7270, 0.3042,
0.3263

Harmonies

Analogous

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



61.9071, 0.4749, 0.3988



61.9071, 0.4325, 0.4549



61.9071, 0.3615, 0.4850

Triad

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



61.9071, 0.4325, 0.4549



61.9071, 0.1772, 0.2881



61.9071, 0.3271, 0.2354

Complementary

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



61.9071, 0.4325, 0.4549



19.3792, 0.1891, 0.1496

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.



61.9071, 0.2482, 0.2085



61.9071, 0.4325, 0.4549



61.9071, 0.1713, 0.2299

Square

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



61.9071, 0.4325, 0.4549



61.9071, 0.2149, 0.3760



61.9071, 0.1950, 0.2052



61.9071, 0.4126, 0.2811

Rectangle

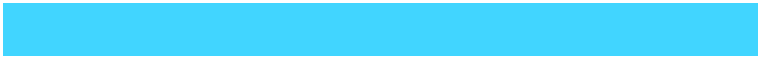
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9071, 0.4325, 0.4549



61.9071, 0.3081, 0.4745



61.9071, 0.1950, 0.2052



61.9071, 0.2987, 0.2241

Sweetspot

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



61.9101, 0.4325, 0.4549



89.4979, 0.3468, 0.3702



24.7825, 0.4924, 0.2927



18.8828, 0.3517, 0.3758



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.



61.9101, 0.4325, 0.4549



66.0146, 0.4515, 0.4660



75.1791, 0.3734, 0.5052



17.8142, 0.3274, 0.3471



29.4500, 0.4661, 0.4681



2.5970, 0.4587, 0.4740

Inverse Universe

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



19.3792, 0.1891, 0.1496



15.3004, 0.1698, 0.1138



15.1334, 0.2057, 0.1203



15.8114, 0.2980, 0.3102



5.0804, 0.1568, 0.0845



0.5680, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 61.9071, 0.4325, 0.4549 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 61.9071, 0.4325, 0.4549 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 61.9071, 0.4325, 0.4549

Background



This preview shows how black text looks on a background with the Yxy color 61.9071, 0.4325, 0.4549.



This preview shows how white text looks on a background with the Yxy color 61.9071, 0.4325, 0.4549.

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

61.9071, 0.4325, 0.4549

Protanopia

62.1226, 0.4209, 0.4625

Deuteranopia

61.9307, 0.4400, 0.4322



Tritanopia

61.7439, 0.3514, 0.3134

Trichromacy



Original Color

61.9071, 0.4325, 0.4549

Protanomaly

62.3128, 0.4249, 0.4597

Deuteranomaly

61.8109, 0.4379, 0.4404

Tritanomaly

61.2387, 0.3864, 0.3699

Monochromacy



Original Color

61.9071, 0.4325, 0.4549

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5535, 0.3595, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9071, 0.4325, 0.4549 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(241, 203, 74)` looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 74)  
}
```

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(241, 203, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 74) }
```

Border

The CSS property to change the border of an element to Yxy 61.9071, 0.4325, 0.4549 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(241, 203, 74) }
```

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

```
.border{ border-color:rgb(241, 203, 74) }
```

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

Here you see how a box with a 4 pixel rgb(241, 203, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 74);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9071, 0.4325, 0.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 74) }
```

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

```
.background{ background-color: rgb(241,  
203, 74) }
```

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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