

Converting Colors

Yxy(59.6141, 0.4223, 0.4566)

Have a look what the booklet for
Yxy(59.6141, 0.4223, 0.4566)
contains.

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Color

Yxy(59.6141, 0.4223, 0.4566)

Conversions

Conversions Part 1

Format	Color
Hex	E6CA4E
RGB	230, 202, 78
RGB Percent	90%, 79%, 31%
CMY	0.0979, 0.2079, 0.6941
CMYK	0.00, 0.12, 0.66, 0.10
HSL	49°, 75%, 60%
HSV	49°, 66%, 90%
XYZ	55.1359, 59.6141, 15.8109
YIQ	196.2360, 56.4920, -32.6280

Conversions

Conversions Part 2

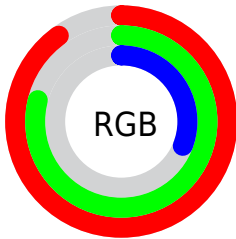
Format	Color
RYB	112, 230, 78
Decimal	15125070
CIELab	81.63, -3.81, 63.20
CIELCh	82, 63.316, 93.451
Yxy	59.6141, 0.4223, 0.4566
Android (android.graphics.Color)	4293315150 (0xFFE6CA4E)
YUV	196.2360, -58.2903, 29.6110
Hunter-Lab	77.2102, -7.6508, 41.9058

Details

The Yxy color **59.6141, 0.4223, 0.4566** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **17.6532, 0.1925, 0.1504**, and the grayscale version is **55.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **29.8722, 0.4423, 0.4809** is the 20% darker color. If you saturate the color by 10%, you get **57.3793, 0.4357, 0.4676**, and if you desaturate by 10%, it is **62.0246, 0.4068, 0.4417**.

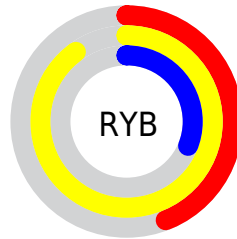
Distribution



Red (90%)

Green (79%)

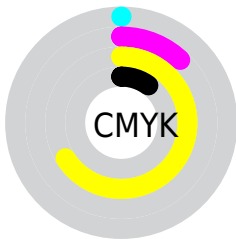
Blue (31%)



Red (44%)

Yellow (90%)

Blue (31%)

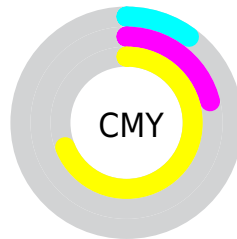


Cyan (0%)

Magenta (12%)

Yellow (66%)

Black (10%)



Cyan (10%)

Magenta (21%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6141, 0.4223, 0.4566 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 59.6141, 0.4223, 0.4566 by changing the saturation by 10% instead.

■ 59.6141, 0.4223,
0.4566

■ 59.6141, 0.4223,
0.4566

423.1739, 0.3742,
0.3993

■ 43.1077, 0.4316,
0.4681

■ 104.2697, 0.4068,
0.4378

■ 29.9696, 0.4419,
0.4811

■ 133.1876, 0.4003,
0.4301

■ 19.8155, 0.4527,
0.4955

■ 167.0115, 0.3947,
0.4233

■ 12.2610, 0.4638,
0.5112

■ 206.1257, 0.3896,
0.4174

■ 6.9217, 0.4733,
0.5267

■ 250.9146, 0.3851,
0.4121

■ 3.4132, 0.4695,
0.5305

301.7627, 0.3811,

■ 1.3511, 0.4630,

0.4074

0.5370

359.0543, 0.3775,
0.4031

■ 0.1802, 0.3028,
0.6972

■ 0.0000, 0.0000,
0.0000

■ 59.6141, 0.4223,
0.4566

■ 59.6141, 0.4223,
0.4566

■ 57.3793, 0.4357,
0.4676

■ 62.0246, 0.4068,
0.4417

■ 55.2986, 0.4464,
0.4739


■ 64.6137, 0.3899,
0.4238


■ 53.3589, 0.4542,
0.4757


■ 67.3940, 0.3724,
0.4038

■ 52.6271, 0.4567,
0.4756


■ 70.3747, 0.3549,
0.3829

 73.5642, 0.3379,
0.3618

 76.9701, 0.3219,
0.3411

 80.5998, 0.3070,
0.3214

 83.9985, 0.2974,
0.3097

 86.4693, 0.2974,
0.3140

Harmonies

Analogous

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



59.6141, 0.4671, 0.4043



59.6141, 0.4223, 0.4566



59.6141, 0.3516, 0.4797

Triad

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



59.6141, 0.4223, 0.4566



59.6141, 0.1789, 0.2815



59.6141, 0.3366, 0.2425

Complementary

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



59.6141, 0.4223, 0.4566



17.6532, 0.1925, 0.1504

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.



59.6141, 0.2581, 0.2138



59.6141, 0.4223, 0.4566



59.6141, 0.1765, 0.2288

Square

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



59.6141, 0.4223, 0.4566



59.6141, 0.2123, 0.3639



59.6141, 0.2030, 0.2079



59.6141, 0.4177, 0.2888

Rectangle

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



59.6141, 0.4223, 0.4566



59.6141, 0.2997, 0.4641



59.6141, 0.2030, 0.2079



59.6141, 0.3087, 0.2307

Sweetspot

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



59.6169, 0.4223, 0.4566



91.2852, 0.3447, 0.3703



23.3704, 0.4867, 0.2986



19.2957, 0.3495, 0.3763



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.



59.6169, 0.4223, 0.4566



71.5879, 0.4396, 0.4702



67.4020, 0.3682, 0.5009



16.3415, 0.3272, 0.3480



29.9538, 0.4560, 0.4761



2.3312, 0.4497, 0.4811

Inverse Universe

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



17.6532, 0.1925, 0.1504



15.4226, 0.1723, 0.1142



15.4228, 0.2156, 0.1316



14.3149, 0.2980, 0.3092



4.3176, 0.1549, 0.0775



0.4432, 0.1618, 0.1025

Previews

White Background



This preview shows how the Yxy color 59.6141, 0.4223, 0.4566 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 59.6141, 0.4223, 0.4566 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 59.6141, 0.4223, 0.4566

Background



This preview shows how black text looks on a background with the Yxy color 59.6141, 0.4223, 0.4566.

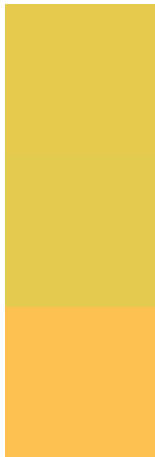


This preview shows how white text looks on a background with the Yxy color 59.6141, 0.4223, 0.4566.

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

59.6141, 0.4223, 0.4566

Protanopia

59.4307, 0.4182, 0.4594

Deuteranopia

59.4295, 0.4457, 0.4364



Tritanopia

59.2801, 0.3433, 0.3129

Trichromacy



Original Color

59.6141, 0.4223, 0.4566

Protanomaly

59.5928, 0.4190, 0.4590

Deuteranomaly

59.2921, 0.4374, 0.4433

Tritanomaly

58.8851, 0.3765, 0.3692

Monochromacy



Original Color

59.6141, 0.4223, 0.4566

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0980, 0.3552, 0.3835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6141, 0.4223, 0.4566 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(230, 202, 78)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 78)  
}
```

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(230, 202, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 78) }
```

Border

The CSS property to change the border of an element to Yxy 59.6141, 0.4223, 0.4566 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(230, 202, 78) }
```

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

```
.border{ border-color:rgb(230, 202, 78) }
```

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

Here you see how a box with a 4 pixel rgb(230, 202, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 78);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6141, 0.4223, 0.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 78) }
```

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

```
.background{ background-color: rgb(230,  
202, 78) }
```

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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