

Converting Colors

Yxy(59.3127, 0.4099, 0.4204)

Have a look what the booklet for
Yxy(59.3127, 0.4099, 0.4204)
contains.

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Color

Yxy(59.5849, 0.4099, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	EDC671
RGB	237, 198, 113
RGB Percent	93%, 78%, 44%
CMY	0.0706, 0.2235, 0.5570
CMYK	0.00, 0.16, 0.52, 0.07
HSL	41°, 77%, 69%
HSV	41°, 52%, 93%
XYZ	58.0967, 59.5849, 24.0522
YIQ	199.9710, 50.5290, -18.1670

Conversions

Conversions Part 2

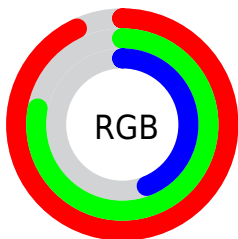
Format	Color
RYB	170, 237, 113
Decimal	15582833
CIELab	81.61, 3.59, 47.40
CIELCh	82, 47.532, 85.666
Yxy	59.5849, 0.4099, 0.4204
Android (android.graphics.Color)	4293772913 (0xFFEDC671)
YUV	199.9710, -42.8767, 32.4744
Hunter-Lab	77.1913, -0.7397, 35.5595

Details

The Yxy color **59.5849, 0.4099, 0.4204** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.0640, 0.2222, 0.2139**, and the grayscale version is **57.9854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5332, 0.3655, 0.4162**, and **29.8780, 0.4323, 0.4388** is the 20% darker color. If you saturate the color by 10%, you get **55.7996, 0.4303, 0.4344**, and if you desaturate by 10%, it is **63.6827, 0.3892, 0.4040**.

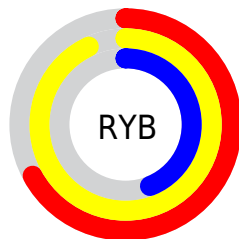
Distribution



Red (93%)

Green (78%)

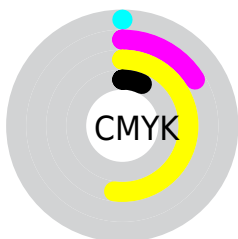
Blue (44%)



Red (67%)

Yellow (93%)

Blue (44%)

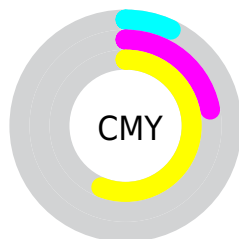


Cyan (0%)

Magenta (16%)

Yellow (52%)

Black (7%)



Cyan (7%)


Magenta (22%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5849, 0.4099, 0.4204 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 59.5849, 0.4099, 0.4204 by changing the saturation by 10% instead.


 59.5849, 0.4099,
0.4204


 59.5849, 0.4099,
0.4204


423.0660, 0.3648,
0.3788

 43.0841, 0.4197,
0.4292


 104.2273, 0.3945,
0.4064

 29.9511, 0.4315,
0.4396


 133.1377, 0.3884,
0.4008

 19.8015, 0.4455,
0.4518


 166.9534, 0.3832,
0.3959

 12.2508, 0.4620,
0.4656

206.0589, 0.3786,
0.3916

 6.9147, 0.4830,
0.4824

250.8385, 0.3745,
0.3878

 3.4088, 0.5037,
0.4963

301.6766, 0.3709,

 1.3487, 0.5096,

0.3845

0.4904

358.9577, 0.3677,
0.3815

■ 0.1785, 0.5905,
0.4095

■ 0.0000, 0.0000,
0.0000

■ 59.5849, 0.4099,
0.4204

■ 59.5849, 0.4099,
0.4204

■ 55.7996, 0.4303,
0.4344

■ 63.6827, 0.3892,
0.4040

■ 52.3048, 0.4496,
0.4449


■ 68.0968, 0.3691,
0.3862

■ 49.0881, 0.4666,
0.4509

■ 72.8413, 0.3500,
0.3681

■ 46.1317, 0.4806,
0.4518

■ 77.9266, 0.3324,
0.3501

 44.0210, 0.4895,
0.4495

 83.3627, 0.3162,
0.3329

 89.1483, 0.3018,
0.3168

 93.6906, 0.3018,
0.3242

 96.7434, 0.3017,
0.3290

Harmonies

Analogous

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



59.5849, 0.4342, 0.3795



59.5849, 0.4099, 0.4204



59.5849, 0.3604, 0.4408

Triad

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



59.5849, 0.4099, 0.4204



59.5849, 0.2133, 0.3098



59.5849, 0.3154, 0.2539

Complementary

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



59.5849, 0.4099, 0.4204



32.0640, 0.2222, 0.2139

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.



59.5849, 0.2583, 0.2355



59.5849, 0.4099, 0.4204



59.5849, 0.2041, 0.2616

Square

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



59.5849, 0.4099, 0.4204



59.5849, 0.2474, 0.3725



59.5849, 0.2196, 0.2371



59.5849, 0.3774, 0.2882

Rectangle

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



59.5849, 0.4099, 0.4204



59.5849, 0.3208, 0.4346



59.5849, 0.2196, 0.2371



59.5849, 0.2949, 0.2458

Sweetspot

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



59.5877, 0.4099, 0.4204



89.7342, 0.3388, 0.3568



32.0819, 0.4147, 0.2861



18.9408, 0.3424, 0.3605



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.



59.5877, 0.4099, 0.4204



65.5003, 0.4322, 0.4356



76.0906, 0.3718, 0.4633



16.7819, 0.3276, 0.3451



24.2808, 0.4880, 0.4507



2.0775, 0.4762, 0.4601

Inverse Universe

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



32.0640, 0.2222, 0.2139



29.8219, 0.2034, 0.1849



23.1274, 0.2278, 0.1684



15.3215, 0.2980, 0.3124



6.2554, 0.1621, 0.1034



0.6578, 0.1697, 0.1308

Previews

White Background



This preview shows how the Yxy color 59.5849, 0.4099, 0.4204 looks on a white background.

Color Contrast Check

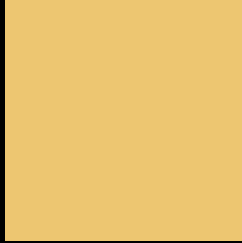
Large Text (above 18pt) WCAG AA × Fail

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 59.5849, 0.4099, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

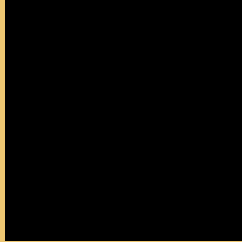
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5849, 0.4099, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 59.5849, 0.4099, 0.4204.



This preview shows how white text looks on a background with the Yxy color 59.5849, 0.4099, 0.4204.

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

59.5849, 0.4099, 0.4204

Protanopia

59.6377, 0.3938, 0.4279

Deuteranopia

59.7549, 0.4209, 0.4120



Tritanopia

59.6432, 0.3492, 0.3142

Trichromacy



Original Color

59.5849, 0.4099, 0.4204

Protanomaly

59.4822, 0.3998, 0.4253

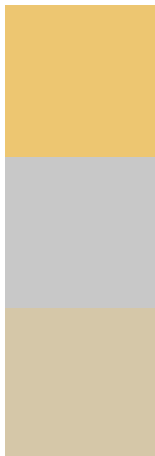
Deuteranomaly

59.4782, 0.4169, 0.4142

Tritanomaly

59.4788, 0.3725, 0.3532

Monochromacy



Original Color

59.5849, 0.4099, 0.4204

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8201, 0.3475, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5849, 0.4099, 0.4204 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(237, 198, 113)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 113)  
}
```

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(237, 198, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 113) }
```

Border

The CSS property to change the border of an element to Yxy 59.5849, 0.4099, 0.4204 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(237, 198, 113) }
```

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

```
.border{ border-color:rgb(237, 198, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 113);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5849, 0.4099, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 113) }
```

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

```
.background{ background-color: rgb(237,  
198, 113) }
```

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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