

Converting Colors

Yxy(59.6936, 0.4329, 0.4891)

Have a look what the booklet for
Yxy(59.6936, 0.4329, 0.4891)
contains.

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Color

Yxy(59.5679, 0.4329, 0.4892)

Conversions

Conversions Part 1

Format	Color
Hex	E0CD16
RGB	224, 205, 22
RGB Percent	88%, 80%, 9%
CMY	0.1217, 0.1960, 0.9131
CMYK	0.00, 0.08, 0.90, 0.12
HSL	54°, 82%, 48%
HSV	54°, 90%, 88%
XYZ	52.7125, 59.5679, 9.4856
YIQ	189.8190, 70.0670, -52.8850

Conversions

Conversions Part 2

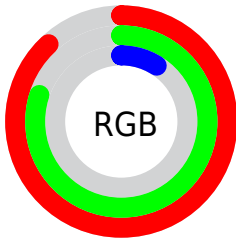
Format	Color
R_{YB}	43, 224, 22
Decimal	14732566
CIE Lab	81.60, -9.90, 79.62
CIE LCh	82, 80.233, 97.090
Yxy	59.5679, 0.4329, 0.4892
Android (android.graphics.Color)	4292922646 (0xFFE0CD16)
YUV	189.8190, -82.7348, 29.9767
Hunter-Lab	77.1802, -13.1537, 46.7393

Details

The Yxy color **59.5679, 0.4329, 0.4892** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **7.1468, 0.1571, 0.0770**, and the grayscale version is **51.8481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5527, 0.4017, 0.4761**, and **30.0257, 0.4338, 0.4938** is the 20% darker color. If you saturate the color by 10%, you get **58.5229, 0.4370, 0.4912**, and if you desaturate by 10%, it is **60.7120, 0.4263, 0.4834**.

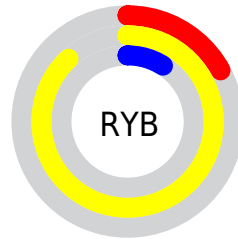
Distribution



Red (88%)

Green (80%)

Blue (9%)



Red (17%)

Yellow (88%)

Blue (9%)

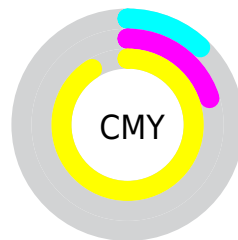


Cyan (0%)

Magenta (8%)

Yellow (90%)

Black (12%)



Cyan (12%)


Magenta (20%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5679, 0.4329, 0.4892 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 59.5679, 0.4329, 0.4892 by changing the saturation by 10% instead.


 59.5679, 0.4329,
0.4892


 59.5679, 0.4329,
0.4892


423.0032, 0.3845,
0.4197


 43.0704, 0.4404,
0.5018


 104.2026, 0.4187,
0.4673


 29.9404, 0.4475,
0.5152


 133.1086, 0.4123,
0.4581


 19.7933, 0.4534,
0.5291


 166.9196, 0.4065,
0.4498

 12.2449, 0.4569,
0.5431

 206.0200, 0.4012,
0.4425

 6.9107, 0.4504,
0.5496

 250.7942, 0.3964,
0.4359

 3.4063, 0.4403,
0.5597

 301.6265, 0.3921,

 1.3474, 0.4227,

0.4299

0.5773

358.9014, 0.3881,
0.4246

■ 0.1774, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5679, 0.4329,
0.4892

■ 59.5679, 0.4329,
0.4892

■ 58.5229, 0.4370,
0.4912

■ 60.7120, 0.4263,
0.4834

■ 61.9580, 0.4170,
0.4732

■ 63.3214, 0.4051,
0.4587

■ 64.8132, 0.3912,
0.4406

66.4426, 0.3759,
0.4199

68.2183, 0.3599,
0.3976

70.1479, 0.3438,
0.3745

72.2386, 0.3280,
0.3515

74.4971, 0.3129,
0.3292

Harmonies

Analogous

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



59.5679, 0.4971, 0.4219



59.5679, 0.4329, 0.4892



59.5679, 0.3435, 0.5214

Triad

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



59.5679, 0.4329, 0.4892



59.5679, 0.1484, 0.2562



59.5679, 0.3543, 0.2294

Complementary

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



59.5679, 0.4329, 0.4892



7.1468, 0.1571, 0.0770

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.



59.5679, 0.2543, 0.1930



59.5679, 0.4329, 0.4892



59.5679, 0.1508, 0.2000

Square

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



59.5679, 0.4329, 0.4892



59.5679, 0.1810, 0.3573



59.5679, 0.1853, 0.1818



59.5679, 0.4559, 0.2852

Rectangle

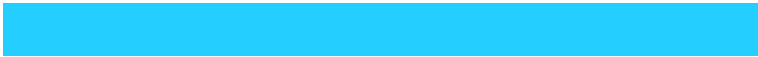
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5679, 0.4329, 0.4892



59.5679, 0.2807, 0.4985



59.5679, 0.1853, 0.1818



59.5679, 0.3187, 0.2147

Sweetspot

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



59.5707, 0.4329, 0.4892



92.2731, 0.3552, 0.3909



16.5928, 0.6070, 0.3203



19.5655, 0.3608, 0.3988



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.



59.5707, 0.4329, 0.4892



78.4340, 0.4372, 0.4911



59.2189, 0.3548, 0.5505



15.7978, 0.3269, 0.3500



34.1643, 0.4367, 0.4914



2.4331, 0.4337, 0.4938

Inverse Universe

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



7.1468, 0.1571, 0.0770



7.8716, 0.1514, 0.0648



8.8368, 0.1945, 0.0889



13.4493, 0.2981, 0.3071



3.5192, 0.1518, 0.0666



0.3160, 0.1565, 0.0835

Previews

White Background



This preview shows how the Yxy color 59.5679, 0.4329, 0.4892 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 59.5679, 0.4329, 0.4892 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 59.5679, 0.4329, 0.4892

Background



This preview shows how black text looks on a background with the Yxy color 59.5679, 0.4329, 0.4892.



This preview shows how white text looks on a background with the Yxy color 59.5679, 0.4329, 0.4892.

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

59.5679, 0.4329, 0.4892

Protanopia

59.4278, 0.4388, 0.4846

Deuteranopia

59.5972, 0.4631, 0.4540



Tritanopia

59.5022, 0.3388, 0.3138

Trichromacy



Original Color

59.5679, 0.4329, 0.4892

Protanomaly

59.5746, 0.4363, 0.4866

Deuteranomaly

59.2992, 0.4534, 0.4667

Tritanomaly

58.4997, 0.3875, 0.3930

Monochromacy



Original Color

59.5679, 0.4329, 0.4892

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1717, 0.3693, 0.4105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5679, 0.4329, 0.4892 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(224, 205, 22)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 22)  
}
```

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(224, 205, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 22) }
```

Border

The CSS property to change the border of an element to Yxy 59.5679, 0.4329, 0.4892 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(224, 205, 22) }
```

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

```
.border{ border-color:rgb(224, 205, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 205, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 22);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5679, 0.4329, 0.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 22) }
```

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

```
.background{ background-color: rgb(224,  
205, 22) }
```

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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