

Converting Colors

Yxy(58.1286, 0.4261, 0.4690)

Have a look what the booklet for
Yxy(58.1286, 0.4261, 0.4690)
contains.

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Color

Yxy(58.1286, 0.4261, 0.4690)

Conversions

Conversions Part 1

Format	Color
Hex	E1C93E
RGB	225, 201, 62
RGB Percent	88%, 79%, 24%
CMY	0.1176, 0.2118, 0.7566
CMYK	0.00, 0.11, 0.72, 0.12
HSL	51°, 73%, 56%
HSV	51°, 72%, 88%
XYZ	52.8115, 58.1286, 13.0015
YIQ	192.3300, 58.9230, -38.1410

Conversions

Conversions Part 2

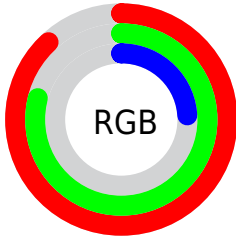
Format	Color
R _Y B	90, 225, 62
Decimal	14797118
CIE Lab	80.81, -6.23, 68.43
CIE LCh	81, 68.711, 95.202
Yxy	58.1286, 0.4261, 0.4690
Android (android.graphics.Color)	4292987198 (0xFFE1C93E)
YUV	192.3300, -64.2527, 28.6516
Hunter-Lab	76.2421, -9.7800, 43.2588

Details

The Yxy color **58.1286, 0.4261, 0.4690** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **13.1295, 0.1805, 0.1253**, and the grayscale version is **53.2783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0880, 0.3907, 0.4580**, and **28.9744, 0.4408, 0.4882** is the 20% darker color. If you saturate the color by 10%, you get **56.4039, 0.4365, 0.4776**, and if you desaturate by 10%, it is **59.9944, 0.4131, 0.4560**.

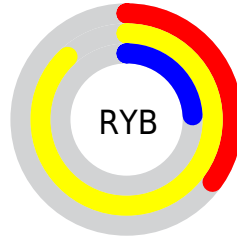
Distribution



Red (88%)

Green (79%)

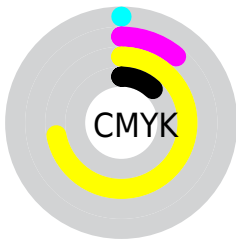
Blue (24%)



Red (35%)

Yellow (88%)

Blue (24%)

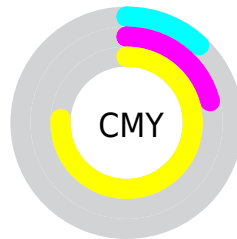


Cyan (0%)

Magenta (11%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (21%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1286, 0.4261, 0.4690 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 58.1286, 0.4261, 0.4690 by changing the saturation by 10% instead.


 58.1286, 0.4261,
0.4690

 58.1286, 0.4261,
0.4690


417.6650, 0.3774,
0.4064


 41.9120, 0.4349,
0.4812

 102.1101, 0.4108,
0.4486


 29.0324, 0.4443,
0.4949


 130.6438, 0.4043,
0.4403

 19.1054, 0.4535,
0.5094


 164.0521, 0.3985,
0.4329

 11.7464, 0.4652,
0.5287

 202.7193, 0.3934,
0.4263

 6.5713, 0.4638,
0.5362

 247.0297, 0.3887,
0.4205

 3.1954, 0.4574,
0.5426

297.3679, 0.3846,

 1.2346, 0.4459,

0.4153

0.5541

354.1182, 0.3808,
0.4106

0.0897, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1286, 0.4261,
0.4690

58.1286, 0.4261,
0.4690

56.4039, 0.4365,
0.4776

59.9944, 0.4131,
0.4560

54.7983, 0.4441,
0.4816

62.0045, 0.3981,
0.4394

53.6456, 0.4483,
0.4822

64.1716, 0.3818,
0.4200

66.5047, 0.3650,
0.3989

■ 69.0118, 0.3481,
0.3771

■ 71.7004, 0.3318,
0.3552

■ 74.5777, 0.3163,
0.3340

■ 77.6500, 0.3019,
0.3138

■ 80.2920, 0.2941,
0.3042

Harmonies

Analogous

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



58.1286, 0.4781, 0.4117



58.1286, 0.4261, 0.4690



58.1286, 0.3484, 0.4943

Triad

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



58.1286, 0.4261, 0.4690



58.1286, 0.1675, 0.2718



58.1286, 0.3438, 0.2381

Complementary

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



58.1286, 0.4261, 0.4690



13.1295, 0.1805, 0.1253

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.



58.1286, 0.2574, 0.2063



58.1286, 0.4261, 0.4690



58.1286, 0.1671, 0.2179

Square

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



58.1286, 0.4261, 0.4690



58.1286, 0.2004, 0.3609



58.1286, 0.1969, 0.1982



58.1286, 0.4319, 0.2882

Rectangle

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



58.1286, 0.4261, 0.4690



58.1286, 0.2924, 0.4757



58.1286, 0.1969, 0.1982



58.1286, 0.3131, 0.2252

Sweetspot

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



58.1314, 0.4261, 0.4690



91.7376, 0.3477, 0.3765



20.1409, 0.5256, 0.3070



19.4356, 0.3522, 0.3825



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.



58.1314, 0.4261, 0.4690



73.7782, 0.4408, 0.4803



62.5276, 0.3638, 0.5177



15.6673, 0.3271, 0.3488



31.0445, 0.4478, 0.4826



2.2468, 0.4427, 0.4867

Inverse Universe

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



13.1295, 0.1805, 0.1253



11.4235, 0.1614, 0.0894



12.8168, 0.2119, 0.1184



13.5676, 0.2981, 0.3084



3.8681, 0.1535, 0.0724



0.3721, 0.1600, 0.0960

Previews

White Background



This preview shows how the Yxy color 58.1286, 0.4261, 0.4690 looks on a white background.

Color Contrast Check

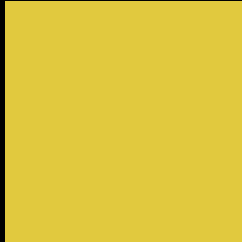
Large Text (above 18pt) WCAG AA × Fail

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 58.1286, 0.4261, 0.4690 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 58.1286, 0.4261, 0.4690

Background



This preview shows how black text looks on a background with the Yxy color 58.1286, 0.4261, 0.4690.



This preview shows how white text looks on a background with the Yxy color 58.1286, 0.4261, 0.4690.

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

58.1286, 0.4261, 0.4690

Protanopia

58.1286, 0.4261, 0.4690

Deuteranopia

58.1642, 0.4541, 0.4446



Tritanopia

58.0636, 0.3417, 0.3138

Trichromacy



Original Color

58.1286, 0.4261, 0.4690

Protanomaly

58.1286, 0.4261, 0.4690

Deuteranomaly

58.2891, 0.4438, 0.4532

Tritanomaly

57.5301, 0.3792, 0.3765

Monochromacy



Original Color

58.1286, 0.4261, 0.4690

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.9119, 0.3588, 0.3906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1286, 0.4261, 0.4690 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(225, 201, 62)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 62)  
}
```

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(225, 201, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 62) }
```

Border

The CSS property to change the border of an element to Yxy 58.1286, 0.4261, 0.4690 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(225, 201, 62) }
```

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

```
.border{ border-color:rgb(225, 201, 62) }
```

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

Here you see how a box with a 4 pixel rgb(225, 201, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 62);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1286, 0.4261, 0.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 62) }
```

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

```
.background{ background-color: rgb(225,  
201, 62) }
```

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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