

Converting Colors

$Y_{xy}(57.2501, 0.4448, 0.4573)$

Have a look what the booklet for
Yxy(57.2501, 0.4448, 0.4573)
contains.

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Color

Yxy(57.2501, 0.4448, 0.4573)

Conversions

Conversions Part 1

Format	Color
Hex	EFC23B
RGB	239, 194, 59
RGB Percent	94%, 76%, 23%
CMY	0.0626, 0.2392, 0.7685
CMYK	0.00, 0.19, 0.75, 0.06
HSL	45°, 85%, 58%
HSV	45°, 75%, 94%
XYZ	55.6852, 57.2501, 12.2563
YIQ	192.0650, 70.1550, -32.4450

Conversions

Conversions Part 2

Format	Color
R _Y B	119, 239, 59
Decimal	15712827
CIE Lab	80.32, 3.21, 69.50
CIE LCh	80, 69.576, 87.358
Yxy	57.2501, 0.4448, 0.4573
Android (android.graphics.Color)	4293902907 (0xFFEFC23B)
YUV	192.0650, -65.6010, 41.1620
Hunter-Lab	75.6638, -1.0435, 43.3607

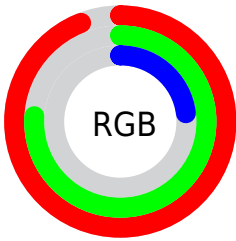
Details

The Yxy color **57.2501, 0.4448, 0.4573** is a light color, and the websafe version is hex **FFCC33**.

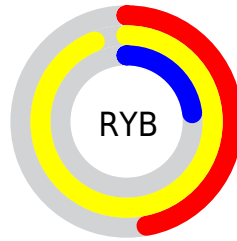
The color can be described as light washed yellow. A complement of this color would be **17.0768, 0.1813, 0.1386**, and the grayscale version is **53.1166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8690, 0.3946, 0.4566**, and **28.6335, 0.4625, 0.4710** is the 20% darker color. If you saturate the color by 10%, you get **54.4505, 0.4582, 0.4629**, and if you desaturate by 10%, it is **60.2759, 0.4287, 0.4470**.

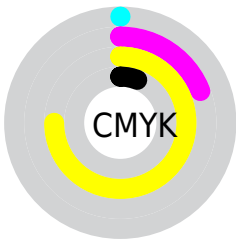
Distribution



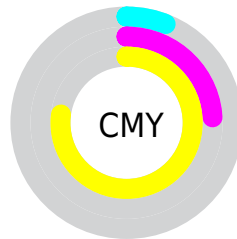
- Red (94%)
- Green (76%)
- Blue (23%)



- Red (47%)
- Yellow (94%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (75%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2501, 0.4448, 0.4573 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 57.2501, 0.4448, 0.4573 by changing the saturation by 10% instead.


 57.2501, 0.4448,
0.4573


 57.2501, 0.4448,
0.4573

414.3858, 0.3869,
0.4023


 41.2061, 0.4557,
0.4673

 100.8300, 0.4263,
0.4400


 28.4801, 0.4676,
0.4778


 129.1347, 0.4186,
0.4327


 18.6879, 0.4798,
0.4882

 162.2951, 0.4117,
0.4262

 11.4450, 0.4971,
0.5028

 200.6955, 0.4056,
0.4203

 6.3670, 0.4993,
0.5007

 244.7204, 0.4002,
0.4151

 3.0695, 0.5025,
0.4975

294.7541, 0.3953,

 1.1681, 0.5082,

0.4104

0.4918

351.1812, 0.3909,
0.4061

■ 0.0354, 0.7596,
0.2404

■ 0.0000, 0.0000,
0.0000

■ 57.2501, 0.4448,
0.4573

■ 57.2501, 0.4448,
0.4573

■ 54.4505, 0.4582,
0.4629

■ 60.2759, 0.4287,
0.4470

■ 51.8505, 0.4686,
0.4637

■ 63.5344, 0.4109,
0.4328

■ 50.6870, 0.4727,
0.4628

■ 67.0414, 0.3920,
0.4158

■ 70.8084, 0.3731,
0.3970

■ 74.8463, 0.3546,
0.3774

■ 79.1646, 0.3371,
0.3578

■ 83.7726, 0.3208,
0.3388

■ 88.6789, 0.3059,
0.3206

■ 92.5960, 0.3030,
0.3219

Harmonies

Analogous

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



57.2501, 0.4875, 0.3957



57.2501, 0.4448, 0.4573



57.2501, 0.3705, 0.4958

Triad

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



57.2501, 0.4448, 0.4573



57.2501, 0.1707, 0.2913



57.2501, 0.3196, 0.2263

Complementary

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



57.2501, 0.4448, 0.4573



17.0768, 0.1813, 0.1386

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.



57.2501, 0.2375, 0.2000



57.2501, 0.4448, 0.4573



57.2501, 0.1622, 0.2267

Square

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



57.2501, 0.4448, 0.4573



57.2501, 0.2130, 0.3883



57.2501, 0.1844, 0.1986



57.2501, 0.4126, 0.2728

Rectangle

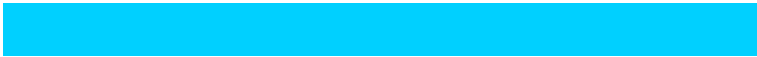
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.2501, 0.4448, 0.4573



57.2501, 0.3139, 0.4901



57.2501, 0.1844, 0.1986



57.2501, 0.2896, 0.2150

Sweetspot

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



57.2529, 0.4448, 0.4573



87.7744, 0.3506, 0.3730



22.5483, 0.5070, 0.2871



18.4109, 0.3571, 0.3802



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.



57.2529, 0.4448, 0.4573



61.5308, 0.4638, 0.4639



73.9387, 0.3794, 0.5129



17.7502, 0.3274, 0.3466



28.2227, 0.4717, 0.4637



2.5042, 0.4633, 0.4703

Inverse Universe

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



17.0768, 0.1813, 0.1386



13.6067, 0.1642, 0.1037



12.1327, 0.1917, 0.1033



15.8712, 0.2980, 0.3108



5.3927, 0.1580, 0.0889



0.6015, 0.1649, 0.1135

Previews

White Background



This preview shows how the Yxy color 57.2501, 0.4448, 0.4573 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 57.2501, 0.4448, 0.4573 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 57.2501, 0.4448, 0.4573

Background



This preview shows how black text looks on a background with the Yxy color 57.2501, 0.4448, 0.4573.



This preview shows how white text looks on a background with the Yxy color 57.2501, 0.4448, 0.4573.

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

57.2501, 0.4448, 0.4573

Protanopia

57.4928, 0.4265, 0.4694

Deuteranopia

57.0561, 0.4572, 0.4462



Tritanopia

57.1276, 0.3600, 0.3143

Trichromacy



Original Color

57.2501, 0.4448, 0.4573

Protanomaly

57.3724, 0.4327, 0.4656

Deuteranomaly

57.1807, 0.4527, 0.4505

Tritanomaly

56.6056, 0.3975, 0.3725

Monochromacy



Original Color

57.2501, 0.4448, 0.4573

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7089, 0.3647, 0.3886

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2501, 0.4448, 0.4573 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(239, 194, 59)` looks like.

```
.text, #text, p{  
    color:rgb(239, 194, 59)  
}
```

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(239, 194, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 194, 59) }
```

Border

The CSS property to change the border of an element to Yxy 57.2501, 0.4448, 0.4573 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(239, 194, 59) }
```

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

```
.border{ border-color:rgb(239, 194, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 194, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 194, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 194, 59);  
box-shadow:4px 4px 4px 4px rgb(239, 194,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2501, 0.4448, 0.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 194, 59) }
```

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

```
.background{ background-color: rgb(239,  
194, 59) }
```

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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