

Converting Colors

Yxy(54.4662, 0.4282, 0.4451)

Have a look what the booklet for
Yxy(54.4662, 0.4282, 0.4451)
contains.

| | |
|---|----|
| Yxy(54.5137, 0.4280, 0.4451) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(54.5137, 0.4280, 0.4451)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5BF51 |
| RGB | 229, 191, 81 |
| RGB Percent | 90%, 75%, 32% |
| CMY | 0.1021, 0.2509, 0.6824 |
| CMYK | 0.00, 0.17, 0.65, 0.10 |
| HSL | 45°, 74%, 61% |
| HSV | 45°, 65%, 90% |
| XYZ | 52.4194, 54.5137, 15.5421 |
| YIQ | 189.8220, 57.9580, -26.1540 |

Conversions

Conversions Part 2

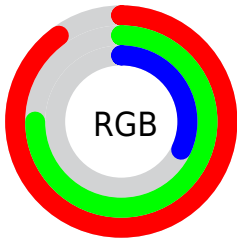
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 229, 81 |
| Decimal | 15056721 |
| CIELab | 78.76, 1.59, 58.86 |
| CIElCh | 79, 58.878, 88.457 |
| Yxy | 54.5137, 0.4280, 0.4451 |
| Android (android.graphics.Color) | 4293246801 (0xFFE5BF51) |
| YUV | 189.8220, -53.6492, 34.3591 |
| Hunter-Lab | 73.8334, -2.4791, 39.2027 |

Details

The Yxy color **54.5137, 0.4280, 0.4451** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **20.5813, 0.1985, 0.1694**, and the grayscale version is **51.6736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5308, 0.3858, 0.4379**, and **26.7890, 0.4509, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **51.7190, 0.4444, 0.4557**, and if you desaturate by 10%, it is **57.5320, 0.4098, 0.4308**.

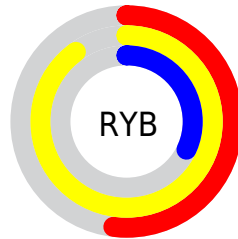
Distribution



Red (90%)

Green (75%)

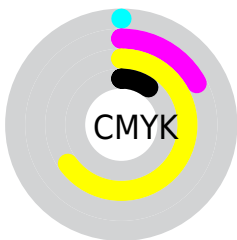
Blue (32%)



Red (52%)

Yellow (90%)

Blue (32%)

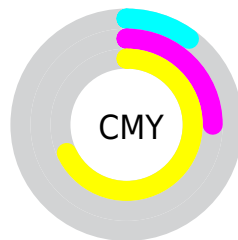


Cyan (0%)

Magenta (17%)

Yellow (65%)

Black (10%)



Cyan (10%)


Magenta (25%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5137, 0.4280, 0.4451 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 54.5137, 0.4280, 0.4451 by changing the saturation by 10% instead.


 54.5137, 0.4280,
0.4451


 54.5137, 0.4280,
0.4451


404.0659, 0.3755,
0.3928

 39.0125, 0.4387,
0.4556


 96.8281, 0.4106,
0.4279


 26.7695, 0.4509,
0.4675


 124.4101, 0.4035,
0.4208

 17.4002, 0.4644,
0.4803

 156.7878, 0.3974,
0.4147

 10.5202, 0.4794,
0.4944

 194.3456, 0.3919,
0.4092

 5.7452, 0.4934,
0.5066

 237.4679, 0.3871,
0.4044

 2.6908, 0.4952,
0.5048

286.5391, 0.3828,

 0.9725, 0.4984,

0.4001

0.5016

341.9437, 0.3790,
0.3962

0.0000, 0.0000,
0.0000

54.5137, 0.4280,
0.4451

54.5137, 0.4280,
0.4451

51.7190, 0.4444,
0.4557

57.5320, 0.4098,
0.4308

49.1267, 0.4584,
0.4616

60.7778, 0.3908,
0.4137

46.7233, 0.4693,
0.4626

64.2641, 0.3718,
0.3950

45.4965, 0.4742,
0.4617

68.0005, 0.3534,
0.3756

71.9958, 0.3359,
0.3562

■ 76.2583, 0.3197,
0.3374

■ 80.7959, 0.3049,
0.3195

■ 85.0118, 0.2968,
0.3118

■ 88.4859, 0.2968,
0.3178

Harmonies

Analogous

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



54.5137, 0.4646, 0.3930



54.5137, 0.4280, 0.4451



54.5137, 0.3630, 0.4728

Triad

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



54.5137, 0.4280, 0.4451



54.5137, 0.1870, 0.2955



54.5137, 0.3224, 0.2396

Complementary

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



54.5137, 0.4280, 0.4451



20.5813, 0.1985, 0.1694

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.



54.5137, 0.2497, 0.2152



54.5137, 0.4280, 0.4451



54.5137, 0.1796, 0.2391

Square

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



54.5137, 0.4280, 0.4451



54.5137, 0.2246, 0.3769



54.5137, 0.2007, 0.2137



54.5137, 0.4016, 0.2821

Rectangle

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



54.5137, 0.4280, 0.4451



54.5137, 0.3132, 0.4641



54.5137, 0.2007, 0.2137



54.5137, 0.2962, 0.2292

Sweetspot

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



54.5163, 0.4280, 0.4451



89.5916, 0.3436, 0.3649



23.9023, 0.4655, 0.2878



18.8641, 0.3487, 0.3704



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.



54.5163, 0.4280, 0.4451



64.7335, 0.4501, 0.4585



68.1371, 0.3752, 0.4931



16.1587, 0.3274, 0.3464



26.2263, 0.4731, 0.4625



2.0852, 0.4635, 0.4701

Inverse Universe

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



20.5813, 0.1985, 0.1694



18.5994, 0.1777, 0.1324



15.2189, 0.2102, 0.1321



14.4848, 0.2981, 0.3110



5.1703, 0.1585, 0.0905



0.5288, 0.1662, 0.1184

Previews

White Background



This preview shows how the Yxy color 54.5137, 0.4280, 0.4451 looks on a white background.

Color Contrast Check

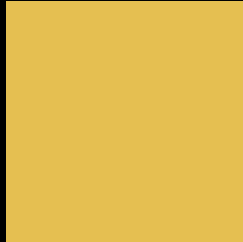
Large Text (above 18pt) WCAG AA × Fail

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 54.5137, 0.4280, 0.4451 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 54.5137, 0.4280, 0.4451

Background



This preview shows how black text looks on a background with the Yxy color 54.5137, 0.4280, 0.4451.



This preview shows how white text looks on a background with the Yxy color 54.5137, 0.4280, 0.4451.

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

54.5137, 0.4280, 0.4451

Protanopia

54.3911, 0.4141, 0.4536

Deuteranopia

54.6196, 0.4419, 0.4330



Tritanopia

54.2676, 0.3527, 0.3137

Trichromacy



Original Color

54.5137, 0.4280, 0.4451

Protanomaly

54.5649, 0.4183, 0.4508

Deuteranomaly

54.5802, 0.4366, 0.4378

Tritanomaly

53.7961, 0.3849, 0.3641

Monochromacy



Original Color

54.5137, 0.4280, 0.4451

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8663, 0.3564, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5137, 0.4280, 0.4451 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(229, 191, 81)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 81)  
}
```

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(229, 191, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 81) }
```

Border

The CSS property to change the border of an element to Yxy 54.5137, 0.4280, 0.4451 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(229, 191, 81) }
```

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

```
.border{ border-color:rgb(229, 191, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 81);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5137, 0.4280, 0.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 81) }
```

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

```
.background{ background-color: rgb(229,  
191, 81) }
```

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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