

Converting Colors

$Yxy(52.7562, 0.4335, 0.4336)$

Have a look what the booklet for
Yxy(52.7562, 0.4335, 0.4336)
contains.

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Color

Yxy(52.6934, 0.4331, 0.4336)

Conversions

Conversions Part 1

Format	Color
Hex	E9B956
RGB	233, 185, 86
RGB Percent	91%, 73%, 34%
CMY	0.0863, 0.2745, 0.6628
CMYK	0.00, 0.21, 0.63, 0.09
HSL	40°, 77%, 63%
HSV	40°, 63%, 91%
XYZ	52.6326, 52.6934, 16.1993
YIQ	188.0660, 60.3870, -20.6130

Conversions

Conversions Part 2

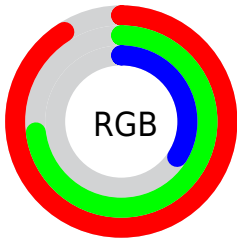
Format	Color
RYB	157, 233, 86
Decimal	15317334
CIELab	77.69, 6.74, 55.56
CIELCh	78, 55.972, 83.085
Yxy	52.6934, 0.4331, 0.4336
Android (android.graphics.Color)	4293507414 (0xFFE9B956)
YUV	188.0660, -50.3185, 39.4071
Hunter-Lab	72.5902, 2.3912, 37.5819

Details

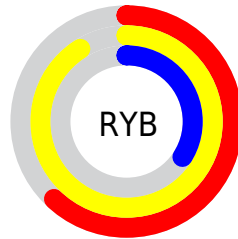
The Yxy color **52.6934, 0.4331, 0.4336** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **24.9083, 0.2044, 0.1881**, and the grayscale version is **50.5957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0347, 0.3861, 0.4294**, and **25.6055, 0.4595, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **49.2814, 0.4527, 0.4436**, and if you desaturate by 10%, it is **56.4032, 0.4123, 0.4200**.

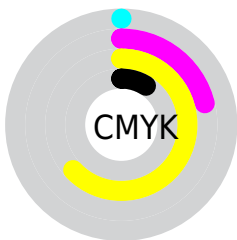
Distribution



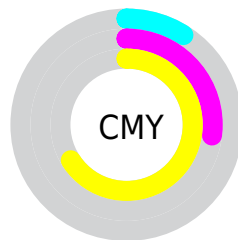
- Red (91%)
- Green (73%)
- Blue (34%)



- Red (62%)
- Yellow (91%)
- Blue (34%)



- Cyan (0%)
- Magenta (21%)
- Yellow (63%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6934, 0.4331, 0.4336 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 52.6934, 0.4331, 0.4336 by changing the saturation by 10% instead.


 52.6934, 0.4331,
0.4336


 52.6934, 0.4331,
0.4336

397.1077, 0.3771,
0.3868


 37.5581, 0.4450,
0.4429


 94.1531, 0.4142,
0.4183


 25.6399, 0.4588,
0.4533


 121.2462, 0.4066,
0.4120

 16.5544, 0.4747,
0.4644


 153.0940, 0.4001,
0.4065

 9.9173, 0.4927,
0.4757

 190.0809, 0.3943,
0.4016

 5.3442, 0.5137,
0.4863

232.5914, 0.3892,
0.3973

 2.4506, 0.5213,
0.4787

281.0097, 0.3847,

 0.8517, 0.5353,

0.3934

0.4647

335.7204, 0.3807,
0.3899

0.0000, 0.0000,
0.0000

52.6934, 0.4331,
0.4336

52.6934, 0.4331,
0.4336

49.2814, 0.4527,
0.4436

56.4032, 0.4123,
0.4200

46.1445, 0.4701,
0.4490

60.4164, 0.3913,
0.4040

43.2675, 0.4844,
0.4493

64.7476, 0.3708,
0.3866

41.4142, 0.4927,
0.4470

69.4081, 0.3515,
0.3687

74.4082, 0.3337,
0.3511

■ 79.7578, 0.3174,
0.3341

■ 85.4661, 0.3028,
0.3180

■ 90.3704, 0.2993,
0.3199

■ 95.0897, 0.2993,
0.3274

Harmonies

Analogous

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



52.6934, 0.4612, 0.3817



52.6934, 0.4331, 0.4336



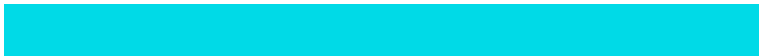
52.6934, 0.3742, 0.4655

Triad

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



52.6934, 0.4331, 0.4336



52.6934, 0.1956, 0.3099



52.6934, 0.3085, 0.2368

Complementary

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



52.6934, 0.4331, 0.4336



24.9083, 0.2044, 0.1881

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.



52.6934, 0.2416, 0.2169



52.6934, 0.4331, 0.4336



52.6934, 0.1831, 0.2500

Square

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



52.6934, 0.4331, 0.4336



52.6934, 0.2374, 0.3894



52.6934, 0.1987, 0.2199



52.6934, 0.3855, 0.2755

Rectangle

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



52.6934, 0.4331, 0.4336



52.6934, 0.3267, 0.4632



52.6934, 0.1987, 0.2199



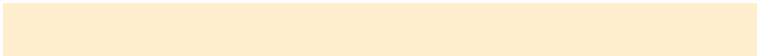
52.6934, 0.2841, 0.2278

Sweetspot

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



52.6960, 0.4331, 0.4336



87.5829, 0.3442, 0.3616



25.7275, 0.4454, 0.2774



18.3752, 0.3494, 0.3667



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.



52.6960, 0.4331, 0.4336



59.1797, 0.4587, 0.4459



72.4315, 0.3819, 0.4855



16.7499, 0.3276, 0.3448



23.7347, 0.4913, 0.4481



2.0377, 0.4788, 0.4580

Inverse Universe

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



24.9083, 0.2044, 0.1881



22.7520, 0.1847, 0.1542



15.8849, 0.2056, 0.1332



15.3520, 0.2980, 0.3127



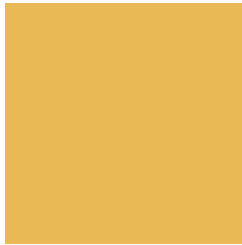
6.4773, 0.1629, 0.1064



0.6782, 0.1706, 0.1340

Previews

White Background



This preview shows how the Yxy color 52.6934, 0.4331, 0.4336 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 52.6934, 0.4331, 0.4336 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 52.6934, 0.4331, 0.4336

Background



This preview shows how black text looks on a background with the Yxy color 52.6934, 0.4331, 0.4336.



This preview shows how white text looks on a background with the Yxy color 52.6934, 0.4331, 0.4336.

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

52.6934, 0.4331, 0.4336

Protanopia

52.5500, 0.4091, 0.4474

Deuteranopia

52.7322, 0.4383, 0.4287



Tritanopia

52.5607, 0.3617, 0.3149

Trichromacy



Original Color

52.6934, 0.4331, 0.4336

Protanomaly

52.2990, 0.4181, 0.4423

Deuteranomaly

52.8020, 0.4358, 0.4305

Tritanomaly

52.2199, 0.3913, 0.3605

Monochromacy



Original Color

52.6934, 0.4331, 0.4336

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6124, 0.3565, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6934, 0.4331, 0.4336 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(233, 185, 86)` looks like.

```
.text, #text, p{  
    color:rgb(233, 185, 86)  
}
```

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(233, 185, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 185, 86) }
```

Border

The CSS property to change the border of an element to Yxy 52.6934, 0.4331, 0.4336 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(233, 185, 86) }
```

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

```
.border{ border-color:rgb(233, 185, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 185, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 185, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 185, 86);  
box-shadow:4px 4px 4px 4px rgb(233, 185,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6934, 0.4331, 0.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 185, 86) }
```

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

```
.background{ background-color: rgb(233,  
185, 86) }
```

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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