

Converting Colors

$Yxy(55.8540, 0.4225, 0.4353)$

Have a look what the booklet for
Yxy(55.8540, 0.4225, 0.4353)
contains.

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Color

Yxy(55.6454, 0.4227, 0.4347)

Conversions

Conversions Part 1

Format	Color
Hex	E8C05D
RGB	232, 192, 93
RGB Percent	91%, 75%, 36%
CMY	0.0901, 0.2471, 0.6351
CMYK	0.00, 0.17, 0.60, 0.09
HSL	43°, 75%, 64%
HSV	43°, 60%, 91%
XYZ	54.1093, 55.6454, 18.2540
YIQ	192.6740, 55.6190, -22.3090

Conversions

Conversions Part 2

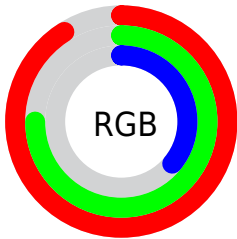
Format	Color
RYB	149, 232, 93
Decimal	15253597
CIELab	79.41, 3.14, 54.22
CIELCh	79, 54.314, 86.688
Yxy	55.6454, 0.4227, 0.4347
Android (android.graphics.Color)	4293443677 (0xFFE8C05D)
YUV	192.6740, -49.1393, 34.4889
Hunter-Lab	74.5958, -1.0649, 37.7085

Details

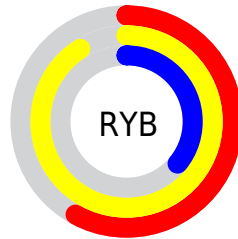
The Yxy color **55.6454, 0.4227, 0.4347** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.9478, 0.2080, 0.1888**, and the grayscale version is **53.4009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4701, 0.3793, 0.4290**, and **27.5027, 0.4456, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **52.4296, 0.4413, 0.4466**, and if you desaturate by 10%, it is **59.1244, 0.4030, 0.4195**.

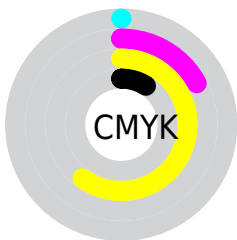
Distribution



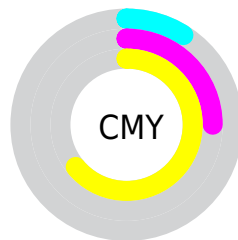
- Red (91%)
- Green (75%)
- Blue (36%)



- Red (58%)
- Yellow (91%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (60%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6454, 0.4227, 0.4347 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 55.6454, 0.4227, 0.4347 by changing the saturation by 10% instead.


 55.6454, 0.4227,
0.4347


 55.6454, 0.4227,
0.4347


408.3538, 0.3720,
0.3868


 39.9187, 0.4334,
0.4445


 98.4859, 0.4056,
0.4188

 27.4752, 0.4459,
0.4558


 126.3685, 0.3988,
0.4124

 17.9304, 0.4602,
0.4684


 159.0719, 0.3929,
0.4067

 10.9000, 0.4760,
0.4816

 196.9804, 0.3876,
0.4018

 5.9996, 0.4992,
0.5008

240.4784, 0.3830,
0.3974

 2.8449, 0.5026,
0.4974

289.9504, 0.3789,

 1.0513, 0.5085,

0.3935

345.7807, 0.3753,
0.3900

0.4915

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6454, 0.4227,
0.4347

55.6454, 0.4227,
0.4347

52.4296, 0.4413,
0.4466

59.1244, 0.4030,
0.4195

49.4556, 0.4578,
0.4543

62.8706, 0.3831,
0.4021

46.7104, 0.4715,
0.4570


66.8975, 0.3637,
0.3837

44.1686, 0.4822,
0.4552

71.2150, 0.3453,
0.3649


 44.1434, 0.4824,
0.4552

 75.8326, 0.3282,
0.3465

 80.7589, 0.3126,
0.3288

 85.9732, 0.2987,
0.3127

 89.9526, 0.2987,
0.3194

 94.0780, 0.2987,
0.3261

Harmonies

Analogous

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



55.6454, 0.4535, 0.3867



55.6454, 0.4227, 0.4347



55.6454, 0.3641, 0.4603

Triad

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



55.6454, 0.4227, 0.4347



55.6454, 0.1976, 0.3030



55.6454, 0.3177, 0.2441

Complementary

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



55.6454, 0.4227, 0.4347



24.9478, 0.2080, 0.1888

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.



55.6454, 0.2514, 0.2225



55.6454, 0.4227, 0.4347



55.6454, 0.1886, 0.2488

Square

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



55.6454, 0.4227, 0.4347



55.6454, 0.2347, 0.3774



55.6454, 0.2070, 0.2228



55.6454, 0.3904, 0.2832

Rectangle

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



55.6454, 0.4227, 0.4347



55.6454, 0.3182, 0.4533



55.6454, 0.2070, 0.2228



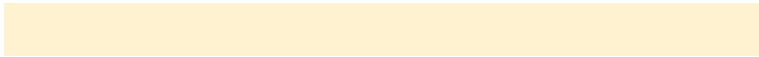
55.6454, 0.2938, 0.2347

Sweetspot

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



55.6481, 0.4227, 0.4347



89.2437, 0.3421, 0.3615



26.7364, 0.4417, 0.2842



18.7546, 0.3473, 0.3670



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.



55.6481, 0.4227, 0.4347



64.0237, 0.4456, 0.4490



71.3813, 0.3761, 0.4811



16.0791, 0.3275, 0.3457



24.7293, 0.4811, 0.4562



1.9847, 0.4700, 0.4650

Inverse Universe

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



24.9478, 0.2080, 0.1888



23.0570, 0.1879, 0.1552



17.7165, 0.2152, 0.1447



14.5598, 0.2981, 0.3118



5.6371, 0.1604, 0.0973



0.5718, 0.1684, 0.1260

Previews

White Background



This preview shows how the Yxy color 55.6454, 0.4227, 0.4347 looks on a white background.

Color Contrast Check

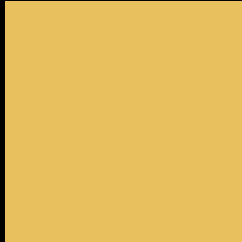
Large Text (above 18pt) WCAG AA × Fail

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 55.6454, 0.4227, 0.4347 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 55.6454, 0.4227, 0.4347

Background



This preview shows how black text looks on a background with the Yxy color 55.6454, 0.4227, 0.4347.



This preview shows how white text looks on a background with the Yxy color 55.6454, 0.4227, 0.4347.

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

55.6454, 0.4227, 0.4347

Protanopia

55.6642, 0.4060, 0.4436

Deuteranopia

55.4035, 0.4351, 0.4247



Tritanopia

55.6886, 0.3531, 0.3139

Trichromacy



Original Color

55.6454, 0.4227, 0.4347

Protanomaly

55.5263, 0.4122, 0.4405

Deuteranomaly

55.5541, 0.4302, 0.4282

Tritanomaly

55.3437, 0.3816, 0.3592

Monochromacy



Original Color

55.6454, 0.4227, 0.4347

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8396, 0.3526, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6454, 0.4227, 0.4347 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(232, 192, 93)` looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 93)  
}
```

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(232, 192, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 93) }
```

Border

The CSS property to change the border of an element to Yxy 55.6454, 0.4227, 0.4347 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(232, 192, 93) }
```

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

```
.border{ border-color:rgb(232, 192, 93) }
```

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

Here you see how a box with a 4 pixel rgb(232, 192, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 93);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6454, 0.4227, 0.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 93) }
```

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

```
.background{ background-color: rgb(232,  
192, 93) }
```

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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