

Converting Colors

Yxy(54.9923, 0.4080, 0.4096)

Have a look what the booklet for
Yxy(54.9923, 0.4080, 0.4096)
contains.

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Color

Yxy(54.8354, 0.4079, 0.4091)

Conversions

Conversions Part 1

Format	Color
Hex	E8BD75
RGB	232, 189, 117
RGB Percent	91%, 74%, 46%
CMY	0.0904, 0.2587, 0.5412
CMYK	0.00, 0.19, 0.50, 0.09
HSL	38°, 71%, 68%
HSV	38°, 50%, 91%
XYZ	54.6746, 54.8354, 24.5292
YIQ	193.6490, 48.7400, -13.2760

Conversions

Conversions Part 2

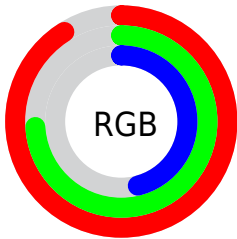
Format	Color
R _Y B	186, 232, 117
Decimal	15252853
CIE Lab	78.95, 6.58, 42.01
CIE LCh	79, 42.519, 81.095
Yxy	54.8354, 0.4079, 0.4091
Android (android.graphics.Color)	4293442933 (0xFFE8BD75)
YUV	193.6490, -37.7880, 33.6338
Hunter-Lab	74.0509, 2.2041, 32.1960

Details

The Yxy color **54.8354, 0.4079, 0.4091** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.7167, 0.2291, 0.2309**, and the grayscale version is **53.9352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4671, 0.3661, 0.4037**, and **27.0122, 0.4304, 0.4263** is the 20% darker color. If you saturate the color by 10%, you get **50.7423, 0.4305, 0.4228**, and if you desaturate by 10%, it is **59.2914, 0.3858, 0.3935**.

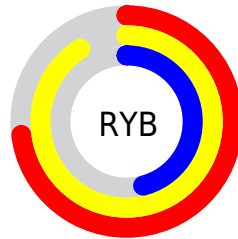
Distribution



Red (91%)

Green (74%)

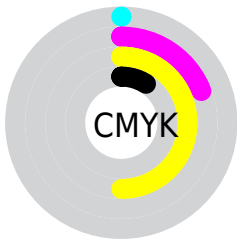
Blue (46%)



Red (73%)

Yellow (91%)

Blue (46%)

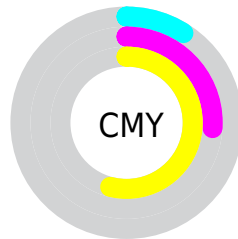


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (9%)



Cyan (9%)

Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8354, 0.4079, 0.4091 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 54.8354, 0.4079, 0.4091 by changing the saturation by 10% instead.


 54.8354, 0.4079,
0.4091


 54.8354, 0.4079,
0.4091


405.2877, 0.3626,
0.3722

 39.2700, 0.4182,
0.4171

 97.2997, 0.3921,
0.3966

 26.9698, 0.4307,
0.4265


 124.9674, 0.3860,
0.3916

 17.5505, 0.4460,
0.4377


 157.4380, 0.3807,
0.3873

 10.6278, 0.4649,
0.4505

195.0958, 0.3761,
0.3835

 5.8171, 0.4897,
0.4661

238.3253, 0.3721,
0.3801

 2.7342, 0.5194,
0.4806

287.5109, 0.3686,

 0.9946, 0.5318,

0.3772

0.4682

343.0369, 0.3654,
0.3745

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8354, 0.4079,
0.4091

54.8354, 0.4079,
0.4091

50.7423, 0.4305,
0.4228

59.2914, 0.3858,
0.3935

46.9902, 0.4526,
0.4333


64.1154, 0.3648,
0.3769

43.5661, 0.4730,
0.4395


69.3220, 0.3455,
0.3602


40.4524, 0.4907,
0.4406

74.9223, 0.3279,
0.3439

 37.6222, 0.5051,
0.4368

 80.9272, 0.3121,
0.3283

 37.5033, 0.5057,
0.4366

 87.2717, 0.2987,
0.3149

 92.5212, 0.2987,
0.3236

 95.8873, 0.2987,
0.3290

Harmonies

Analogous

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



54.8354, 0.4252, 0.3701



54.8354, 0.4079, 0.4091



54.8354, 0.3652, 0.4308

Triad

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



54.8354, 0.4079, 0.4091



54.8354, 0.2241, 0.3201



54.8354, 0.3067, 0.2555

Complementary

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



54.8354, 0.4079, 0.4091



34.7167, 0.2291, 0.2309

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.



54.8354, 0.2558, 0.2410



54.8354, 0.4079, 0.4091



54.8354, 0.2117, 0.2726

Square

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



54.8354, 0.4079, 0.4091



54.8354, 0.2592, 0.3774



54.8354, 0.2227, 0.2460



54.8354, 0.3641, 0.2857

Rectangle

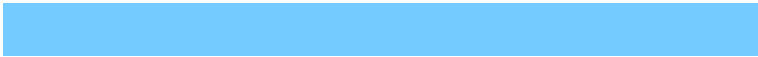
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8354, 0.4079, 0.4091



54.8354, 0.3292, 0.4282



54.8354, 0.2227, 0.2460



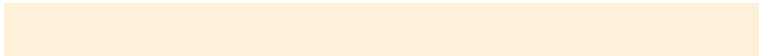
54.8354, 0.2882, 0.2487

Sweetspot

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



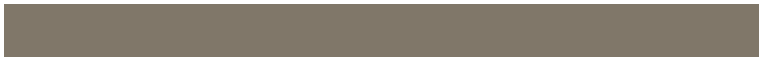
54.8380, 0.4079, 0.4091



89.0006, 0.3373, 0.3528



32.4433, 0.3968, 0.2795



18.7384, 0.3411, 0.3563



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.



54.8380, 0.4079, 0.4091



63.0370, 0.4299, 0.4225



73.9571, 0.3751, 0.4538



15.8653, 0.3277, 0.3437



21.0799, 0.5040, 0.4380



1.7345, 0.4884, 0.4504

Inverse Universe

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



34.7167, 0.2291, 0.2309



35.5898, 0.2127, 0.2073



23.3219, 0.2274, 0.1757



14.7644, 0.2981, 0.3139



7.2071, 0.1664, 0.1191



0.7062, 0.1745, 0.1483

Previews

White Background



This preview shows how the Yxy color 54.8354, 0.4079, 0.4091 looks on a white background.

Color Contrast Check

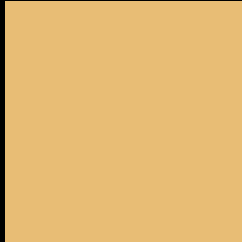
Large Text (above 18pt) WCAG AA × Fail

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 54.8354, 0.4079, 0.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

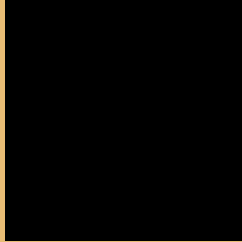
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8354, 0.4079, 0.4091

Background



This preview shows how black text looks on a background with the Yxy color 54.8354, 0.4079, 0.4091.



This preview shows how white text looks on a background with the Yxy color 54.8354, 0.4079, 0.4091.

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

54.8354, 0.4079, 0.4091

Protanopia

55.1079, 0.3868, 0.4196

Deuteranopia

54.8295, 0.4135, 0.4055



Tritanopia

54.8883, 0.3525, 0.3138

Trichromacy



Original Color

54.8354, 0.4079, 0.4091

Protanomaly

54.8201, 0.3953, 0.4155

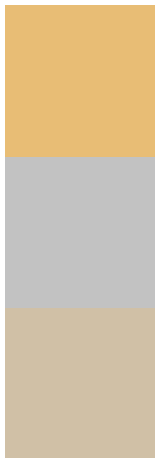
Deuteranomaly

54.9130, 0.4112, 0.4071

Tritanomaly

54.4530, 0.3735, 0.3482

Monochromacy



Original Color

54.8354, 0.4079, 0.4091

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8623, 0.3465, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8354, 0.4079, 0.4091 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, 189, 117)` looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 117)  
}
```

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, 189, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 117) }
```

Border

The CSS property to change the border of an element to Yxy 54.8354, 0.4079, 0.4091 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, 189, 117) }
```

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

```
.border{ border-color:rgb(232, 189, 117) }
```

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

Here you see how a box with a 4 pixel rgb(232, 189, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 117);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8354, 0.4079, 0.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 117) }
```

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

```
.background{ background-color: rgb(232,  
189, 117) }
```

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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