

Converting Colors

$Y_{xy}(54.2193, 0.4103, 0.4217)$

Have a look what the booklet for
Yxy(54.2193, 0.4103, 0.4217)
contains.

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Color

Yxy(54.2193, 0.4103, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	E3BE6B
RGB	227, 190, 107
RGB Percent	89%, 75%, 42%
CMY	0.1097, 0.2549, 0.5803
CMYK	0.00, 0.16, 0.53, 0.11
HSL	41°, 68%, 66%
HSV	41°, 53%, 89%
XYZ	52.7536, 54.2193, 21.6003
YIQ	191.6010, 48.6950, -17.9690

Conversions

Conversions Part 2

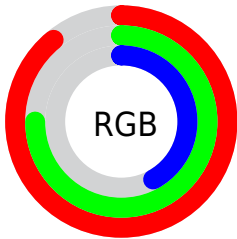
Format	Color
R _Y B	160, 227, 107
Decimal	14925419
CIE Lab	78.59, 3.19, 46.44
CIE LCh	79, 46.551, 86.069
Yxy	54.2193, 0.4103, 0.4217
Android (android.graphics.Color)	4293115499 (0xFFE3BE6B)
YUV	191.6010, -41.7083, 31.0449
Hunter-Lab	73.6338, -0.9760, 34.1510

Details

The Yxy color **54.2193, 0.4103, 0.4217** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.6387, 0.2213, 0.2118**, and the grayscale version is **52.6977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7096, 0.3719, 0.4142**, and **26.6119, 0.4327, 0.4425** is the 20% darker color. If you saturate the color by 10%, you get **50.8426, 0.4305, 0.4357**, and if you desaturate by 10%, it is **57.8725, 0.3898, 0.4053**.

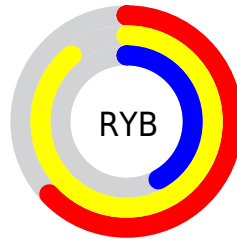
Distribution



Red (89%)

Green (75%)

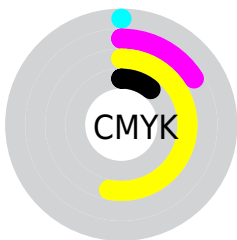
Blue (42%)



Red (63%)

Yellow (89%)

Blue (42%)

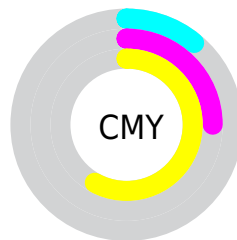


Cyan (0%)

Magenta (16%)

Yellow (53%)

Black (11%)



Cyan (11%)


Magenta (25%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2193, 0.4103, 0.4217 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 54.2193, 0.4103, 0.4217 by changing the saturation by 10% instead.


 54.2193, 0.4103,
0.4217


 54.2193, 0.4103,
0.4217


402.9457, 0.3643,
0.3787


 38.7770, 0.4205,
0.4310


 96.3962, 0.3945,
0.4071

 26.5863, 0.4326,
0.4419


 123.8995, 0.3883,
0.4013

 17.2628, 0.4472,
0.4547


 156.1921, 0.3829,
0.3963

 10.4220, 0.4644,
0.4692

 193.6581, 0.3782,
0.3919

 5.6797, 0.4910,
0.4917

236.6821, 0.3741,
0.3880

 2.6513, 0.5032,
0.4968

285.6485, 0.3705,

 0.9525, 0.5096,

0.3846

0.4904

340.9415, 0.3672,
0.3815

0.0000, 0.0000,
0.0000

54.2193, 0.4103,
0.4217

54.2193, 0.4103,
0.4217

50.8426, 0.4305,
0.4357

57.8725, 0.3898,
0.4053

47.7225, 0.4494,
0.4461

61.8055, 0.3698,
0.3875

44.8481, 0.4660,
0.4520

66.0308, 0.3508,
0.3692

42.2033, 0.4796,
0.4529

70.5579, 0.3332,
0.3512

40.4380, 0.4877,
0.4509

75.3956, 0.3170,
0.3338

■ 80.5523, 0.3025,
0.3174

■ 85.3109, 0.2956,
0.3128

■ 89.4942, 0.2957,
0.3199

■ 93.8382, 0.2958,
0.3270

Harmonies

Analogous

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



54.2193, 0.4353, 0.3805



54.2193, 0.4103, 0.4217



54.2193, 0.3600, 0.4421

Triad

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



54.2193, 0.4103, 0.4217



54.2193, 0.2121, 0.3087



54.2193, 0.3162, 0.2536

Complementary

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



54.2193, 0.4103, 0.4217



28.6387, 0.2213, 0.2118

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.



54.2193, 0.2584, 0.2347



54.2193, 0.4103, 0.4217



54.2193, 0.2031, 0.2604

Square

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



54.2193, 0.4103, 0.4217



54.2193, 0.2461, 0.3721



54.2193, 0.2191, 0.2360



54.2193, 0.3788, 0.2884

Rectangle

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



54.2193, 0.4103, 0.4217



54.2193, 0.3200, 0.4355



54.2193, 0.2191, 0.2360



54.2193, 0.2955, 0.2453

Sweetspot

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



54.2219, 0.4103, 0.4217



89.8731, 0.3387, 0.3570



28.9007, 0.4159, 0.2858



18.9740, 0.3424, 0.3607



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.



54.2219, 0.4103, 0.4217



65.9393, 0.4315, 0.4364



68.9992, 0.3722, 0.4642



16.0272, 0.3275, 0.3452



23.7929, 0.4865, 0.4519



1.9213, 0.4743, 0.4616

Inverse Universe

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



28.6387, 0.2213, 0.2118



29.5430, 0.2031, 0.1837



20.7366, 0.2271, 0.1671



14.6090, 0.2981, 0.3123



5.9751, 0.1617, 0.1022



0.6019, 0.1698, 0.1312

Previews

White Background



This preview shows how the Yxy color 54.2193, 0.4103, 0.4217 looks on a white background.

Color Contrast Check

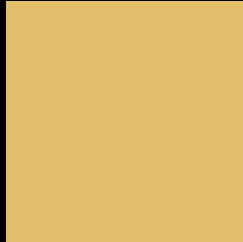
Large Text (above 18pt) WCAG AA × Fail

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 54.2193, 0.4103, 0.4217 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 54.2193, 0.4103, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 54.2193, 0.4103, 0.4217.



This preview shows how white text looks on a background with the Yxy color 54.2193, 0.4103, 0.4217.

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

54.2193, 0.4103, 0.4217

Protanopia

54.4305, 0.3945, 0.4293

Deuteranopia

54.3777, 0.4217, 0.4130



Tritanopia

54.1997, 0.3490, 0.3136

Trichromacy



Original Color

54.2193, 0.4103, 0.4217

Protanomaly

54.2827, 0.4007, 0.4266

Deuteranomaly

54.1158, 0.4176, 0.4153

Tritanomaly

54.0454, 0.3731, 0.3542

Monochromacy



Original Color

54.2193, 0.4103, 0.4217

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8139, 0.3481, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2193, 0.4103, 0.4217 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(227, 190, 107)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 107)  
}
```

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(227, 190, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 107) }
```

Border

The CSS property to change the border of an element to Yxy 54.2193, 0.4103, 0.4217 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(227, 190, 107) }
```

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

```
.border{ border-color:rgb(227, 190, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 190, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 190, 107); box-shadow:4px 4px 4px 4px rgb(227, 190, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2193, 0.4103, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 107) }
```

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

```
.background{ background-color: rgb(227,  
190, 107) }
```

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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