

Converting Colors

Yxy(52.2014, 0.4342, 0.4091)

Have a look what the booklet for
Yxy(52.2014, 0.4342, 0.4091)
contains.

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Color

Yxy(52.2742, 0.4345, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	F3B367
RGB	243, 179, 103
RGB Percent	95%, 70%, 40%
CMY	0.0470, 0.2980, 0.5960
CMYK	0.00, 0.26, 0.58, 0.05
HSL	33°, 85%, 68%
HSV	33°, 58%, 95%
XYZ	55.5333, 52.2742, 20.0022
YIQ	189.4720, 62.5400, -10.0680

Conversions

Conversions Part 2

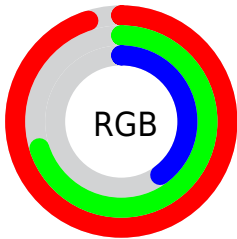
Format	Color
R _Y B	221, 243, 103
Decimal	15971175
CIE Lab	77.44, 15.22, 47.42
CIE LCh	77, 49.801, 72.204
Yxy	52.2742, 0.4345, 0.4090
Android (android.graphics.Color)	4294161255 (0xFFFF3B367)
YUV	189.4720, -42.6307, 46.9441
Hunter-Lab	72.3009, 10.5769, 34.2079

Details

The Yxy color **52.2742, 0.4345, 0.4090** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.0067, 0.2188, 0.2275**, and the grayscale version is **51.3988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0770, 0.3782, 0.4083**, and **25.2460, 0.4631, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **47.5813, 0.4604, 0.4185**, and if you desaturate by 10%, it is **57.4729, 0.4090, 0.3967**.

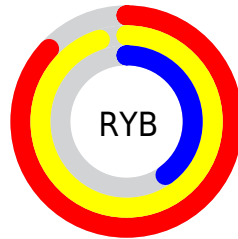
Distribution



Red (95%)

Green (70%)

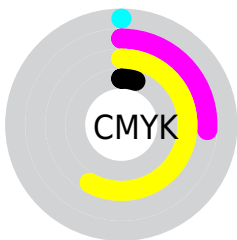
Blue (40%)



Red (87%)

Yellow (95%)

Blue (40%)

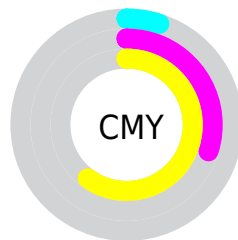


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (5%)



Cyan (5%)

Magenta (30%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2742, 0.4345, 0.4090 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 52.2742, 0.4345, 0.4090 by changing the saturation by 10% instead.

 52.2742, 0.4345,
0.4090


 52.2742, 0.4345,
0.4090


395.4943, 0.3762,
0.3738


 37.2237, 0.4476,
0.4159


 93.5355, 0.4143,
0.3975


 25.3807, 0.4635,
0.4236


 120.5151, 0.4063,
0.3928

 16.3609, 0.4828,
0.4318


 152.2398, 0.3995,
0.3887

 9.7799, 0.5059,
0.4393

 189.0940, 0.3936,
0.3850

 5.2533, 0.5458,
0.4542

231.4622, 0.3885,
0.3817

 2.3966, 0.5623,
0.4377

279.7287, 0.3839,

 0.8242, 0.5919,

0.3788

0.4081

334.2779, 0.3798,
0.3762

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2742, 0.4345,
0.4090

52.2742, 0.4345,
0.4090

47.5813, 0.4604,
0.4185

57.4729, 0.4090,
0.3967

43.3655, 0.4853,
0.4238

63.1891, 0.3848,
0.3827

39.6057, 0.5077,
0.4240

69.4431, 0.3626,
0.3680

36.2730, 0.5263,
0.4187

76.2519, 0.3426,
0.3534

35.5290, 0.5305,
0.4170

83.6314, 0.3248,
0.3392

91.5966, 0.3091,
0.3259

97.7958, 0.3054,
0.3290

Harmonies

Analogous

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



52.2742, 0.4450, 0.3600



52.2742, 0.4345, 0.4090



52.2742, 0.3905, 0.4448

Triad

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



52.2742, 0.4345, 0.4090



52.2742, 0.2180, 0.3376



52.2742, 0.2856, 0.2365

Complementary

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



52.2742, 0.4345, 0.4090



37.0067, 0.2188, 0.2275

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.



52.2742, 0.2318, 0.2257



52.2742, 0.4345, 0.4090



52.2742, 0.1963, 0.2755

Square

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



52.2742, 0.4345, 0.4090



52.2742, 0.2652, 0.4063



52.2742, 0.2012, 0.2377



52.2742, 0.3535, 0.2663

Rectangle

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



52.2742, 0.4345, 0.4090



52.2742, 0.3500, 0.4518



52.2742, 0.2012, 0.2377



52.2742, 0.2654, 0.2306

Sweetspot

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



52.2768, 0.4345, 0.4090



85.5146, 0.3415, 0.3526



31.6026, 0.4034, 0.2606



17.9638, 0.3454, 0.3555



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.



52.2768, 0.4345, 0.4090



52.3091, 0.4644, 0.4196



83.3211, 0.3916, 0.4669



17.9729, 0.3280, 0.3419



19.7717, 0.5283, 0.4187



1.9432, 0.5109, 0.4326

Inverse Universe

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



37.0067, 0.2188, 0.2275



33.8541, 0.2022, 0.2027



19.3470, 0.2034, 0.1448



17.1751, 0.2980, 0.3158



10.0670, 0.1733, 0.1437



1.0877, 0.1799, 0.1675

Previews

White Background



This preview shows how the Yxy color 52.2742, 0.4345, 0.4090 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 52.2742, 0.4345, 0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

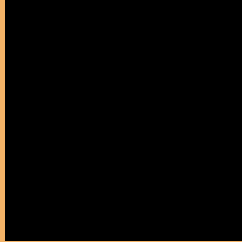
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2742, 0.4345, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 52.2742, 0.4345, 0.4090.



This preview shows how white text looks on a background with the Yxy color 52.2742, 0.4345, 0.4090.

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

52.2742, 0.4345, 0.4090

Protanopia

52.6097, 0.3949, 0.4295

Deuteranopia

52.4884, 0.4255, 0.4167



Tritanopia

52.3081, 0.3736, 0.3152

Trichromacy



Original Color

52.2742, 0.4345, 0.4090

Protanomaly

52.2692, 0.4093, 0.4211

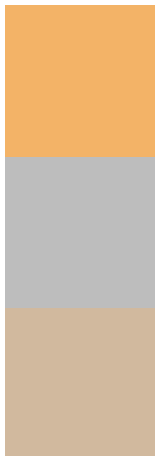
Deuteranomaly

52.5923, 0.4288, 0.4147

Tritanomaly

51.9944, 0.3979, 0.3498

Monochromacy



Original Color

52.2742, 0.4345, 0.4090

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7219, 0.3557, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2742, 0.4345, 0.4090 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(243, 179, 103)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 103)  
}
```

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(243, 179, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 103) }
```

Border

The CSS property to change the border of an element to Yxy 52.2742, 0.4345, 0.4090 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(243, 179, 103) }
```

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

```
.border{ border-color:rgb(243, 179, 103) }
```

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

Here you see how a box with a 4 pixel rgb(243, 179, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 103);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2742, 0.4345, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 103) }
```

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

```
.background{ background-color: rgb(243,  
179, 103) }
```

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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