

Converting Colors

$Yxy(50.5855, 0.3739, 0.3284)$

Have a look what the booklet for
Yxy(50.5855, 0.3739, 0.3284)
contains.

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Color

Yxy(50.4551, 0.3746, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	EFABAC
RGB	239, 171, 172
RGB Percent	94%, 67%, 67%
CMY	0.0627, 0.3294, 0.3256
CMYK	0.00, 0.28, 0.28, 0.06
HSL	359°, 68%, 80%
HSV	359°, 28%, 94%
XYZ	57.6059, 50.4551, 45.7187
YIQ	191.4460, 40.2070, 14.7270

Conversions

Conversions Part 2

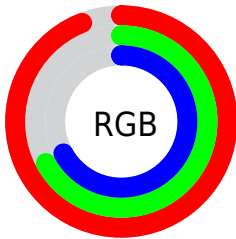
Format	Color
R _Y B	239, 171, 172
Decimal	15707052
CIE Lab	76.35, 25.08, 9.46
CIE LCh	76, 26.808, 20.655
Yxy	50.4551, 0.3746, 0.3281
Android (android.graphics.Color)	4293897132 (0xFFEFABAC)
YUV	191.4460, -9.5869, 41.7049
Hunter-Lab	71.0318, 20.4557, 11.5610

Details

The Yxy color **50.4551, 0.3746, 0.3281** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76.5718, 0.2719, 0.3300**, and the grayscale version is **52.4128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7442, 0.3324, 0.3291**, and **24.2580, 0.3923, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **41.4033, 0.4072, 0.3278**, and if you desaturate by 10%, it is **61.3046, 0.3482, 0.3284**.

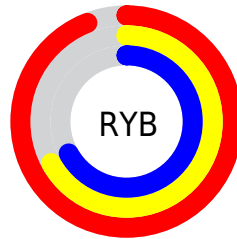
Distribution



Red (94%)

Green (67%)

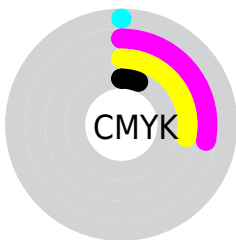
Blue (67%)



Red (94%)

Yellow (67%)

Blue (67%)

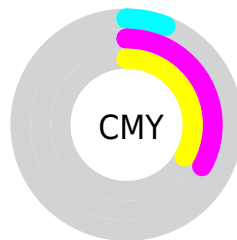


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4551, 0.3746, 0.3281 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 50.4551, 0.3746, 0.3281 by changing the saturation by 10% instead.


 50.4551, 0.3746,
0.3281

 50.4551, 0.3746,
0.3281


388.4430, 0.3438,
0.3292

 35.7751, 0.3822,
0.3277


 90.8488, 0.3634,
0.3286

 24.2606, 0.3920,
0.3270


117.3313, 0.3592,
0.3288

 15.5270, 0.4049,
0.3259


148.5169, 0.3557,
0.3289

 9.1901, 0.4227,
0.3241

184.7898, 0.3526,
0.3290

 4.8654, 0.4487,
0.3208

226.5344, 0.3500,
0.3291

 2.1685, 0.4902,
0.3140

274.1353, 0.3477,

 0.7027, 0.6278,

0.3291

327.9767, 0.3456,
0.3291

0.3242

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4551, 0.3746,
0.3281

50.4551, 0.3746,
0.3281

41.4033, 0.4072,
0.3278

61.3046, 0.3482,
0.3284

34.0455, 0.4465,
0.3276

74.0339, 0.3272,
0.3287

28.2786, 0.4917,
0.3275

88.7287, 0.3104,
0.3290

23.9852, 0.5397,
0.3277

97.0922, 0.3029,
0.3290

■ 21.0318, 0.5846,
0.3281

■ 19.2607, 0.6187,
0.3288

■ 18.4479, 0.6370,
0.3294

■ 18.3597, 0.6390,
0.3294

Harmonies

Analogous

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



50.4551, 0.3458, 0.3000



50.4551, 0.3746, 0.3281



50.4551, 0.3856, 0.3579

Triad

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



50.4551, 0.3746, 0.3281



50.4551, 0.3131, 0.3868



50.4551, 0.2522, 0.2743

Complementary

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



50.4551, 0.3746, 0.3281



76.5718, 0.2719, 0.3300

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.



50.4551, 0.2448, 0.2936



50.4551, 0.3746, 0.3281



50.4551, 0.2786, 0.3603

Square

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



50.4551, 0.3746, 0.3281



50.4551, 0.3488, 0.3944



50.4551, 0.2541, 0.3251



50.4551, 0.2750, 0.2696

Rectangle

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



50.4551, 0.3746, 0.3281



50.4551, 0.3813, 0.3754



50.4551, 0.2541, 0.3251



50.4551, 0.2479, 0.2791

Sweetspot

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



50.4575, 0.3746, 0.3281



84.8490, 0.3283, 0.3287



53.5157, 0.3151, 0.2580



17.6746, 0.3311, 0.3287



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.



50.4575, 0.3746, 0.3281



52.2609, 0.3922, 0.3279



64.4182, 0.3655, 0.3650



15.7625, 0.3291, 0.3287



10.1467, 0.6386, 0.3291



0.8454, 0.6345, 0.3269

Inverse Universe

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



50.4575, 0.3746, 0.3281



52.2609, 0.3922, 0.3279



59.1011, 0.2673, 0.2900



15.7625, 0.3291, 0.3287



10.1467, 0.6386, 0.3291



0.8454, 0.6345, 0.3269

Previews

White Background



This preview shows how the Yxy color 50.4551, 0.3746, 0.3281 looks on a white background.

Color Contrast Check

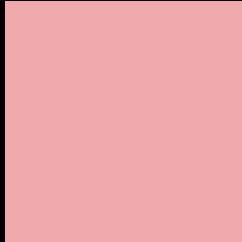
Large Text (above 18pt) WCAG AA × Fail

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 50.4551, 0.3746, 0.3281 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 50.4551, 0.3746, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 50.4551, 0.3746, 0.3281.



This preview shows how white text looks on a background with the Yxy color 50.4551, 0.3746, 0.3281.

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

50.4551, 0.3746, 0.3281

Protanopia

50.7720, 0.3232, 0.3378

Deuteranopia

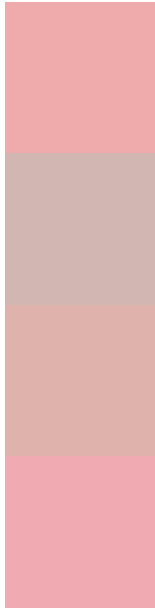
50.6543, 0.3507, 0.3435



Tritanopia

50.2786, 0.3667, 0.3148

Trichromacy



Original Color

50.4551, 0.3746, 0.3281

Protanomaly

50.3719, 0.3404, 0.3339

Deuteranomaly

50.4690, 0.3589, 0.3373

Tritanomaly

50.4891, 0.3702, 0.3203

Monochromacy



Original Color

50.4551, 0.3746, 0.3281

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1516, 0.3333, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4551, 0.3746, 0.3281 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(239, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 172)  
}
```

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(239, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 172) }
```

Border

The CSS property to change the border of an element to Yxy 50.4551, 0.3746, 0.3281 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(239, 171, 172) }
```

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

```
.border{ border-color:rgb(239, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4551, 0.3746, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 172) }
```

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

```
.background{ background-color: rgb(239,  
171, 172) }
```

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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