

Converting Colors

$Yxy(51.6786, 0.3746, 0.3312)$

Have a look what the booklet for
Yxy(51.6786, 0.3746, 0.3312)
contains.

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Color

Yxy(51.7759, 0.3746, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	F0AEAC
RGB	240, 174, 172
RGB Percent	94%, 68%, 67%
CMY	0.0587, 0.3177, 0.3255
CMYK	0.00, 0.28, 0.28, 0.06
HSL	2°, 69%, 81%
HSV	2°, 28%, 94%
XYZ	58.5252, 51.7759, 45.9328
YIQ	193.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

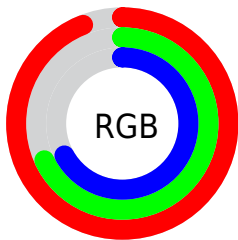
Format	Color
RYB	240, 174, 172
Decimal	15773356
CIELab	77.15, 23.88, 10.60
CIELCh	77, 26.127, 23.936
Yxy	51.7759, 0.3746, 0.3314
Android (android.graphics.Color)	4293963436 (0xFFFF0AEAC)
YUV	193.5060, -10.6025, 40.7752
Hunter-Lab	71.9555, 19.2614, 12.5211

Details

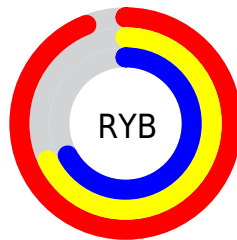
The Yxy color **51.7759, 0.3746, 0.3314** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76.2301, 0.2713, 0.3266**, and the grayscale version is **53.6895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3997, 0.3320, 0.3320**, and **25.0981, 0.3920, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **42.7040, 0.4070, 0.3323**, and if you desaturate by 10%, it is **62.5802, 0.3483, 0.3305**.

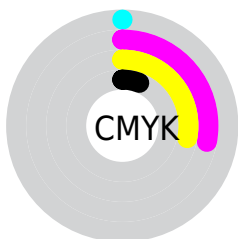
Distribution



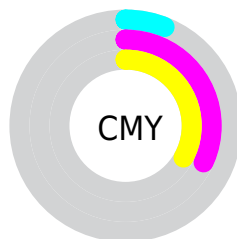
- Red (94%)
- Green (68%)
- Blue (67%)



- Red (94%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7759, 0.3746, 0.3314 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 51.7759, 0.3746, 0.3314 by changing the saturation by 10% instead.


 51.7759, 0.3746,
0.3314

 51.7759, 0.3746,
0.3314


393.5708, 0.3439,
0.3309

 36.8265, 0.3822,
0.3313


 92.8007, 0.3635,
0.3314

 25.0732, 0.3918,
0.3311


119.6448, 0.3593,
0.3313

 16.1316, 0.4045,
0.3307


151.2226, 0.3558,
0.3312

 9.6173, 0.4220,
0.3297

187.9185, 0.3527,
0.3312

 5.1460, 0.4474,
0.3276

230.1169, 0.3501,
0.3311

 2.3332, 0.4875,
0.3226

278.2021, 0.3478,

 0.7912, 0.6120,

0.3310

0.3368

332.5587, 0.3457,
0.3310

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7759, 0.3746,
0.3314

51.7759, 0.3746,
0.3314

42.7040, 0.4070,
0.3323

62.5802, 0.3483,
0.3305

35.2678, 0.4460,
0.3331

75.1927, 0.3271,
0.3297

29.3719, 0.4909,
0.3337

89.6936, 0.3102,
0.3289

24.9085, 0.5385,
0.3338

97.2712, 0.3036,
0.3290

■ 21.7556, 0.5832,
0.3334

■ 19.7710, 0.6176,
0.3324

■ 18.7773, 0.6365,
0.3312

■ 18.6846, 0.6385,
0.3312

Harmonies

Analogous

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



51.7759, 0.3484, 0.3037



51.7759, 0.3746, 0.3314



51.7759, 0.3831, 0.3601

Triad

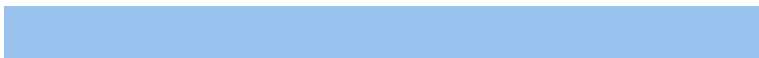
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7759, 0.3746, 0.3314



51.7759, 0.3093, 0.3827



51.7759, 0.2559, 0.2748

Complementary

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



51.7759, 0.3746, 0.3314



76.2301, 0.2713, 0.3266

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.



51.7759, 0.2470, 0.2922



51.7759, 0.3746, 0.3314



51.7759, 0.2766, 0.3557

Square

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



51.7759, 0.3746, 0.3314



51.7759, 0.3441, 0.3923



51.7759, 0.2543, 0.3216



51.7759, 0.2794, 0.2719

Rectangle

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



51.7759, 0.3746, 0.3314



51.7759, 0.3775, 0.3764



51.7759, 0.2543, 0.3216



51.7759, 0.2512, 0.2791

Sweetspot

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



51.7783, 0.3746, 0.3314



85.2115, 0.3284, 0.3297



54.2582, 0.3169, 0.2595



17.7628, 0.3313, 0.3298



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.



51.7783, 0.3746, 0.3314



53.1682, 0.3925, 0.3319



66.2057, 0.3646, 0.3672



15.8333, 0.3293, 0.3298



10.2583, 0.6379, 0.3317



0.8795, 0.6323, 0.3361

Inverse Universe

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



76.2301, 0.2713, 0.3266



85.4805, 0.2640, 0.3261



58.6668, 0.2672, 0.2874



17.8444, 0.2981, 0.3283



35.3629, 0.2222, 0.3198



2.9668, 0.2225, 0.3210

Previews

White Background



This preview shows how the Yxy color 51.7759, 0.3746, 0.3314 looks on a white background.

Color Contrast Check

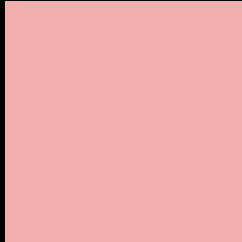
Large Text (above 18pt) WCAG AA × Fail

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 51.7759, 0.3746, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

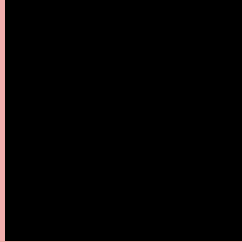
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7759, 0.3746, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 51.7759, 0.3746, 0.3314.



This preview shows how white text looks on a background with the Yxy color 51.7759, 0.3746, 0.3314.

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

51.7759, 0.3746, 0.3314

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

51.9350, 0.3529, 0.3458



Tritanopia

51.7086, 0.3640, 0.3149

Trichromacy



Original Color

51.7759, 0.3746, 0.3314

Protanomaly

51.6415, 0.3426, 0.3363

Deuteranomaly

51.5903, 0.3602, 0.3396

Tritanomaly

51.8832, 0.3684, 0.3215

Monochromacy



Original Color

51.7759, 0.3746, 0.3314

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9347, 0.3338, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7759, 0.3746, 0.3314 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(240, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(240, 174, 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(240, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 174, 172) }
```

Border

The CSS property to change the border of an element to Yxy 51.7759, 0.3746, 0.3314 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(240, 174, 172) }
```

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

```
.border{ border-color:rgb(240, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(240, 174,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7759, 0.3746, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 174, 172) }
```

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

```
.background{ background-color: rgb(240,  
174, 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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