

Converting Colors

Yxy(50.2762, 0.3673, 0.3409)

Have a look what the booklet for
Yxy(50.2762, 0.3673, 0.3409)
contains.

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Color

Yxy(50.1347, 0.3676, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0A6
RGB	227, 176, 166
RGB Percent	89%, 69%, 65%
CMY	0.1099, 0.3097, 0.3491
CMYK	0.00, 0.22, 0.27, 0.11
HSL	10°, 52%, 77%
HSV	10°, 27%, 89%
XYZ	54.0772, 50.1347, 42.8969
YIQ	190.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

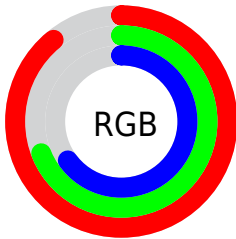
Format	Color
R _{YB}	227, 178, 166
Decimal	14921894
CIE _{Lab}	76.15, 17.11, 12.27
CIE _{LCh}	76, 21.049, 35.640
Yxy	50.1347, 0.3676, 0.3408
Android (android.graphics.Color)	4293111974 (0xFFE3B0A6)
YUV	190.1090, -11.8857, 32.3534
Hunter-Lab	70.8059, 12.4172, 13.6439

Details

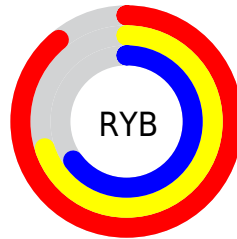
The Yxy color **50.1347, 0.3676, 0.3408** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2393, 0.2724, 0.3168**, and the grayscale version is **51.6135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1937, 0.3358, 0.3400**, and **24.0387, 0.3840, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **42.4514, 0.3964, 0.3454**, and if you desaturate by 10%, it is **59.0083, 0.3437, 0.3362**.

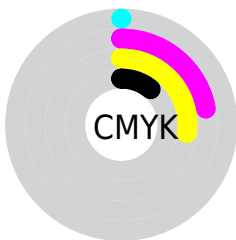
Distribution



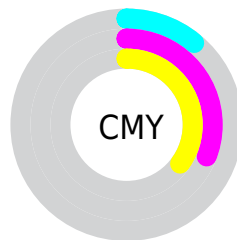
- Red (89%)
- Green (69%)
- Blue (65%)



- Red (89%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (11%)




- Cyan (11%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1347, 0.3676, 0.3408 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 50.1347, 0.3676, 0.3408 by changing the saturation by 10% instead.


 50.1347, 0.3676,
0.3408


 50.1347, 0.3676,
0.3408


387.1925, 0.3402,
0.3356

 35.5204, 0.3744,
0.3419


 90.3744, 0.3577,
0.3390

 24.0640, 0.3831,
0.3432


 116.7687, 0.3540,
0.3383

 15.3811, 0.3946,
0.3448


147.8584, 0.3508,
0.3377

 9.0873, 0.4104,
0.3465

184.0279, 0.3481,
0.3372

 4.7982, 0.4337,
0.3484

225.6617, 0.3457,
0.3367

 2.1293, 0.4709,
0.3494

273.1441, 0.3437,

 0.6810, 0.6144,

0.3363

326.8596, 0.3419,
0.3359

0.3856

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1347, 0.3676,
0.3408

50.1347, 0.3676,
0.3408

42.4514, 0.3964,
0.3454

59.0083, 0.3437,
0.3362

35.9009, 0.4305,
0.3497

69.1126, 0.3241,
0.3318

30.4313, 0.4697,
0.3531

80.4950, 0.3080,
0.3278

25.9838, 0.5123,
0.3548

93.0831, 0.2957,
0.3258

■ 22.4942, 0.5548,
0.3540

■ 95.0649, 0.2958,
0.3290

■ 19.8905, 0.5921,
0.3501

■ 18.0895, 0.6188,
0.3436

■ 17.6698, 0.6253,
0.3417

Harmonies

Analogous

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



50.1347, 0.3514, 0.3169



50.1347, 0.3676, 0.3408



50.1347, 0.3682, 0.3631

Triad

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



50.1347, 0.3676, 0.3408



50.1347, 0.2991, 0.3651



50.1347, 0.2724, 0.2822

Complementary

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



50.1347, 0.3676, 0.3408



63.2393, 0.2724, 0.3168

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.



50.1347, 0.2599, 0.2922



50.1347, 0.3676, 0.3408



50.1347, 0.2748, 0.3402

Square

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



50.1347, 0.3676, 0.3408



50.1347, 0.3278, 0.3790



50.1347, 0.2608, 0.3131



50.1347, 0.2957, 0.2840

Rectangle

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



50.1347, 0.3676, 0.3408



50.1347, 0.3598, 0.3740



50.1347, 0.2608, 0.3131



50.1347, 0.2669, 0.2842

Sweetspot

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



50.1370, 0.3676, 0.3408



88.3590, 0.3262, 0.3323



48.6455, 0.3234, 0.2716



18.4698, 0.3290, 0.3330



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.



50.1370, 0.3676, 0.3408



59.7602, 0.3823, 0.3433



63.0386, 0.3590, 0.3739



14.7492, 0.3288, 0.3329



10.4214, 0.6233, 0.3433



0.8860, 0.5977, 0.3636

Inverse Universe

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



63.2393, 0.2724, 0.3168



79.3999, 0.2650, 0.3141



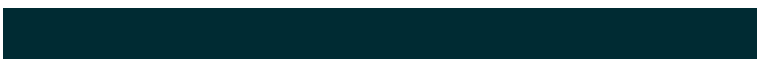
49.3304, 0.2688, 0.2796



15.9113, 0.2981, 0.3250



24.7696, 0.2100, 0.2758



1.9384, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 50.1347, 0.3676, 0.3408 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 50.1347, 0.3676, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

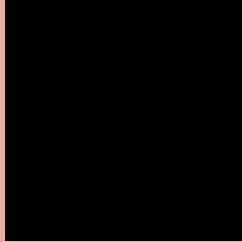
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1347, 0.3676, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 50.1347, 0.3676, 0.3408.



This preview shows how white text looks on a background with the Yxy color 50.1347, 0.3676, 0.3408.

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

50.1347, 0.3676, 0.3408

Protanopia

50.1213, 0.3313, 0.3480

Deuteranopia

50.2114, 0.3562, 0.3484



Tritanopia

50.0903, 0.3521, 0.3143

Trichromacy



Original Color

50.1347, 0.3676, 0.3408

Protanomaly

50.0347, 0.3443, 0.3450

Deuteranomaly

50.0169, 0.3604, 0.3458

Tritanomaly

50.0208, 0.3573, 0.3234

Monochromacy



Original Color

50.1347, 0.3676, 0.3408

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7306, 0.3312, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1347, 0.3676, 0.3408 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, 176, 166)` looks like.

```
.text, #text, p{  
  color:rgb(227, 176, 166)  
}
```

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, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 166) }
```

Border

The CSS property to change the border of an element to Yxy 50.1347, 0.3676, 0.3408 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, 176, 166) }
```

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

```
.border{ border-color:rgb(227, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1347, 0.3676, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 166) }
```

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

```
.background{ background-color: rgb(227,  
176, 166) }
```

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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