

Converting Colors

Yxy(50.8238, 0.3347, 0.3481)

Have a look what the booklet for
Yxy(50.8238, 0.3347, 0.3481)
contains.

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Color

Yxy(50.6613, 0.3348, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	C7BBAC
RGB	199, 187, 172
RGB Percent	78%, 73%, 67%
CMY	0.2196, 0.2666, 0.3255
CMYK	0.00, 0.06, 0.14, 0.22
HSL	33°, 19%, 73%
HSV	33°, 14%, 78%
XYZ	48.7677, 50.6613, 46.2332
YIQ	188.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

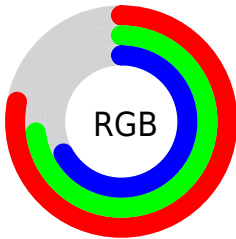
Format	Color
RYB	194, 199, 172
Decimal	13089708
CIELab	76.47, 1.69, 9.11
CIELCh	76, 9.269, 79.485
Yxy	50.6613, 0.3348, 0.3478
Android (android.graphics.Color)	4291279788 (0xFFC7BBAC)
YUV	188.8780, -8.3209, 8.8770
Hunter-Lab	71.1768, -2.2577, 11.3116

Details

The Yxy color **50.6613, 0.3348, 0.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1644, 0.2917, 0.3095**, and the grayscale version is **50.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9072, 0.3305, 0.3448**, and **24.4260, 0.3406, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **46.3219, 0.3535, 0.3624**, and if you desaturate by 10%, it is **55.3502, 0.3182, 0.3338**.

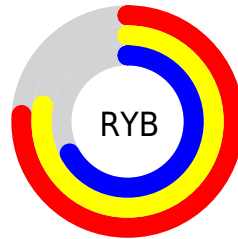
Distribution



Red (78%)

Green (73%)

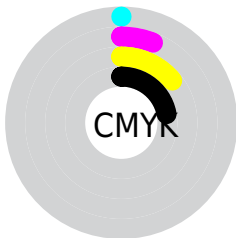
Blue (67%)



Red (76%)

Yellow (78%)

Blue (67%)

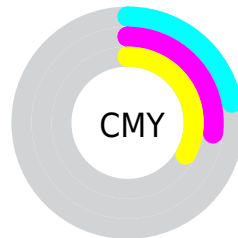


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (22%)



Cyan (22%)


Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6613, 0.3348, 0.3478 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 50.6613, 0.3348, 0.3478 by changing the saturation by 10% instead.

 50.6613, 0.3348,
0.3478

 50.6613, 0.3348,
0.3478


389.2464, 0.3239,
0.3386

 35.9391, 0.3375,
0.3501


 91.1539, 0.3309,
0.3445

 24.3872, 0.3409,
0.3529

117.6932, 0.3294,
0.3432

 15.6211, 0.3454,
0.3567


148.9402, 0.3281,
0.3422

 9.2564, 0.3517,
0.3618

185.2795, 0.3270,
0.3412

 4.9088, 0.3608,
0.3693

227.0953, 0.3261,
0.3404

 2.1939, 0.3755,
0.3810

274.7722, 0.3253,

 0.7166, 0.4566,

0.3397

0.4529

328.6944, 0.3245,
0.3391

0.0000, 0.0000,
0.0000

50.6613, 0.3348,
0.3478

50.6613, 0.3348,
0.3478

46.3219, 0.3535,
0.3624

55.3502, 0.3182,
0.3338

42.3160, 0.3743,
0.3773

60.3907, 0.3035,
0.3206

38.6364, 0.3971,
0.3919

65.7934, 0.2906,
0.3084

35.2726, 0.4214,
0.4052

71.5663, 0.2793,
0.2971

32.2138, 0.4464,
0.4164

76.6093, 0.2781,
0.3034

■ 29.4480, 0.4711,
0.4241

■ 81.6840, 0.2788,
0.3130

■ 26.9619, 0.4940,
0.4272

■ 87.0120, 0.2795,
0.3224

■ 24.7405, 0.5137,
0.4249

■ 90.8812, 0.2800,
0.3289

■ 23.4373, 0.5250,
0.4214

Harmonies

Analogous

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



50.6613, 0.3376, 0.3396



50.6613, 0.3348, 0.3478



50.6613, 0.3260, 0.3511

Triad

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



50.6613, 0.3348, 0.3478



50.6613, 0.2923, 0.3287



50.6613, 0.3112, 0.3107

Complementary

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



50.6613, 0.3348, 0.3478



47.1644, 0.2917, 0.3095

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.



50.6613, 0.2993, 0.3076



50.6613, 0.3348, 0.3478



50.6613, 0.2885, 0.3177

Square

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



50.6613, 0.3348, 0.3478



50.6613, 0.3015, 0.3400



50.6613, 0.2910, 0.3101



50.6613, 0.3238, 0.3184

Rectangle

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



50.6613, 0.3348, 0.3478



50.6613, 0.3181, 0.3499



50.6613, 0.2910, 0.3101



50.6613, 0.3070, 0.3091

Sweetspot

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



50.6635, 0.3348, 0.3478



96.5056, 0.3189, 0.3345



45.1098, 0.3268, 0.3138



20.5180, 0.3201, 0.3355



0.0000, 0.0000, 0.0000



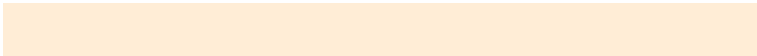
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.6635, 0.3348, 0.3478



86.6300, 0.3396, 0.3517



55.7793, 0.3317, 0.3623



11.5987, 0.3276, 0.3419



15.2489, 0.5231, 0.4228



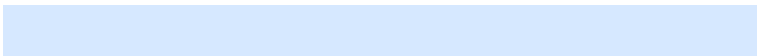
0.8649, 0.4958, 0.4445

Inverse Universe

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



47.1644, 0.2917, 0.3095



79.4341, 0.2874, 0.3053



42.5484, 0.2923, 0.2936



11.0495, 0.2983, 0.3158



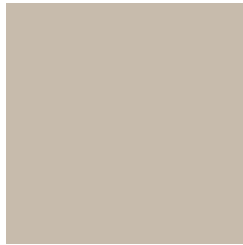
7.3433, 0.1726, 0.1412



0.4916, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 50.6613, 0.3348, 0.3478 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 50.6613, 0.3348, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

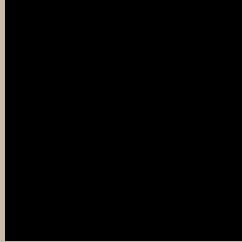
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

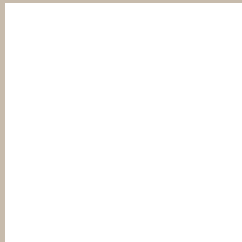
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6613, 0.3348, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 50.6613, 0.3348, 0.3478.

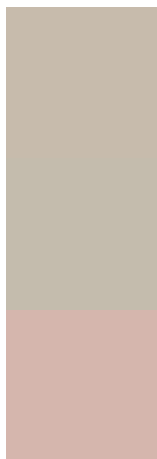


This preview shows how white text looks on a background with the Yxy color 50.6613, 0.3348, 0.3478.

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

50.6613, 0.3348, 0.3478

Protanopia

50.7193, 0.3312, 0.3479

Deuteranopia

50.6192, 0.3473, 0.3399



Tritanopia

50.5007, 0.3169, 0.3109

Trichromacy



Original Color

50.6613, 0.3348, 0.3478

Protanomaly

50.8539, 0.3321, 0.3478

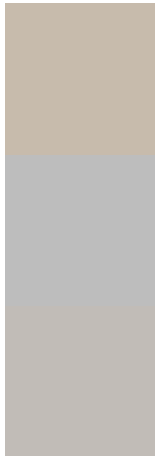
Deuteranomaly

50.7080, 0.3424, 0.3425

Tritanomaly

50.3726, 0.3232, 0.3229

Monochromacy



Original Color

50.6613, 0.3348, 0.3478

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7228, 0.3208, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6613, 0.3348, 0.3478 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(199, 187, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 187, 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(199, 187, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 187, 172) }
```

Border

The CSS property to change the border of an element to Yxy 50.6613, 0.3348, 0.3478 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(199, 187, 172) }
```

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

```
.border{ border-color:rgb(199, 187, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 187, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 187, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 187, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 187,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6613, 0.3348, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 187, 172) }
```

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

```
.background{ background-color: rgb(199,  
187, 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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