

Converting Colors

$Yxy(35.7008, 0.3677, 0.3472)$

Have a look what the booklet for
Yxy(35.7008, 0.3677, 0.3472)
contains.

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Color

Yxy(35.6580, 0.3683, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	C1988B
RGB	193, 152, 139
RGB Percent	76%, 60%, 55%
CMY	0.2432, 0.4039, 0.4549
CMYK	0.00, 0.21, 0.28, 0.24
HSL	14°, 30%, 65%
HSV	14°, 28%, 76%
XYZ	37.8796, 35.6580, 29.3122
YIQ	162.7770, 28.6090, 4.6490

Conversions

Conversions Part 2

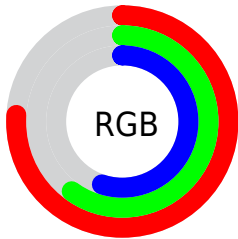
Format	Color
R _Y B	193, 156, 139
Decimal	12687499
CIE Lab	66.26, 13.39, 12.68
CIE LCh	66, 18.446, 43.442
Yxy	35.6580, 0.3683, 0.3467
Android (android.graphics.Color)	4290877579 (0xFFC1988B)
YUV	162.7770, -11.7221, 26.5056
Hunter-Lab	59.7143, 8.7307, 12.6961

Details

The Yxy color **35.6580, 0.3683, 0.3467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9765, 0.2707, 0.3105**, and the grayscale version is **36.5621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2724, 0.3576, 0.3438**, and **15.4319, 0.3858, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **30.6785, 0.3957, 0.3533**, and if you desaturate by 10%, it is **41.3278, 0.3452, 0.3401**.

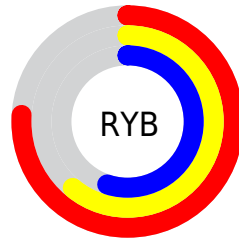
Distribution



Red (76%)

Green (60%)

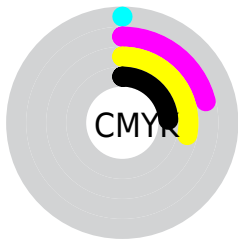
Blue (55%)



Red (76%)

Yellow (61%)

Blue (55%)

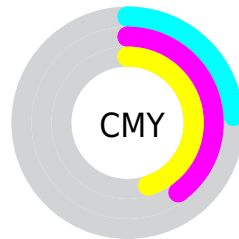


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6580, 0.3683, 0.3467 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 35.6580, 0.3683, 0.3467 by changing the saturation by 10% instead.


 35.6580, 0.3683,
0.3467

 35.6580, 0.3683,
0.3467

327.4632, 0.3390,
0.3381

 24.1702, 0.3761,
0.3487


 68.5039, 0.3573,
0.3436

 15.4599, 0.3864,
0.3513


 90.6307, 0.3533,
0.3425

 9.1428, 0.4007,
0.3545


 117.0727, 0.3499,
0.3415

 4.8344, 0.4216,
0.3585

148.2142, 0.3471,
0.3406

 2.1505, 0.4549,
0.3632

184.4396, 0.3446,
0.3398

 0.6928, 0.5892,
0.4108

226.1333, 0.3425,

 0.0000, 0.0000,

0.3392

0.0000

273.6797, 0.3407,
0.3386

■ 35.6580, 0.3683,
0.3467

■ 35.6580, 0.3683,
0.3467

■ 30.6785, 0.3957,
0.3533

■ 41.3278, 0.3452,
0.3401

■ 26.3578, 0.4277,
0.3595

■ 47.7081, 0.3258,
0.3338

■ 22.6693, 0.4640,
0.3646

■ 54.8243, 0.3097,
0.3278

■ 19.5825, 0.5031,
0.3675

■ 62.6991, 0.2962,
0.3224

■ 17.0643, 0.5423,
0.3673

■ 71.3542, 0.2850,
0.3174

■ 15.0781, 0.5775,
0.3630

■ 80.8104, 0.2755,
0.3129

■ 13.5801, 0.6051,
0.3553

■ 89.7960, 0.2767,
0.3284

■ 13.3292, 0.6101,
0.3538

■ 90.0767, 0.2768,
0.3289

Harmonies

Analogous

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



35.6580, 0.3561, 0.3231



35.6580, 0.3683, 0.3467



35.6580, 0.3647, 0.3672

Triad

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



35.6580, 0.3683, 0.3467



35.6580, 0.2925, 0.3588



35.6580, 0.2782, 0.2823

Complementary

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



35.6580, 0.3683, 0.3467



41.9765, 0.2707, 0.3105

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.



35.6580, 0.2628, 0.2892



35.6580, 0.3683, 0.3467



35.6580, 0.2708, 0.3329

Square

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



35.6580, 0.3683, 0.3467



35.6580, 0.3202, 0.3759



35.6580, 0.2602, 0.3073



35.6580, 0.3032, 0.2871

Rectangle

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



35.6580, 0.3683, 0.3467



35.6580, 0.3541, 0.3761



35.6580, 0.2602, 0.3073



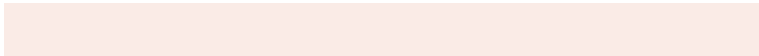
35.6580, 0.2718, 0.2833

Sweetspot

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



35.6597, 0.3683, 0.3467



85.2722, 0.3261, 0.3338



33.1136, 0.3283, 0.2752



17.9040, 0.3288, 0.3348



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.6597, 0.3683, 0.3467



57.8860, 0.3858, 0.3511



45.2792, 0.3591, 0.3809



10.4631, 0.3283, 0.3346



8.9721, 0.6079, 0.3555



0.4992, 0.5631, 0.3911

Inverse Universe

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



41.9765, 0.2707, 0.3105



71.1663, 0.2614, 0.3055



32.2523, 0.2667, 0.2711



11.0040, 0.2984, 0.3233



16.4678, 0.2028, 0.2501



0.8130, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 35.6580, 0.3683, 0.3467 looks on a white background.

Color Contrast Check

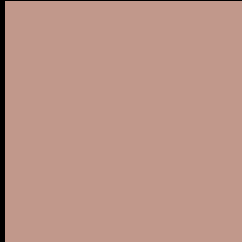
Large Text (above 18pt) WCAG AA × Fail

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 35.6580, 0.3683, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

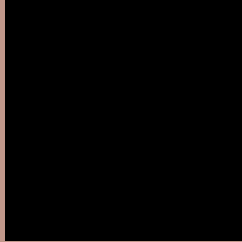
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6580, 0.3683, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 35.6580, 0.3683, 0.3467.



This preview shows how white text looks on a background with the Yxy color 35.6580, 0.3683, 0.3467.

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

35.6580, 0.3683, 0.3467

Protanopia

35.7977, 0.3360, 0.3553

Deuteranopia

35.5920, 0.3599, 0.3527



Tritanopia

35.6351, 0.3496, 0.3146

Trichromacy



Original Color

35.6580, 0.3683, 0.3467

Protanomaly

35.7538, 0.3468, 0.3518

Deuteranomaly

35.6375, 0.3634, 0.3511

Tritanomaly

35.5490, 0.3565, 0.3265

Monochromacy



Original Color

35.6580, 0.3683, 0.3467

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1280, 0.3320, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6580, 0.3683, 0.3467 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(193, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(193, 152, 139)  
}
```

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(193, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 152, 139) }
```

Border

The CSS property to change the border of an element to Yxy 35.6580, 0.3683, 0.3467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

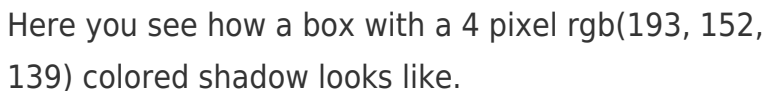
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 152, 139) }
```

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

```
.border{ border-color:rgb(193, 152, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 152, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 152, 139); box-shadow:4px 4px 4px 4px rgb(193, 152, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6580, 0.3683, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 152, 139) }
```

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

```
.background{ background-color: rgb(193,  
152, 139) }
```

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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