

Converting Colors

$Yxy(33.6654, 0.3662, 0.3529)$

Have a look what the booklet for
Yxy(33.6654, 0.3662, 0.3529)
contains.

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Color

Yxy(33.6965, 0.3657, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	B89685
RGB	184, 150, 133
RGB Percent	72%, 59%, 52%
CMY	0.2784, 0.4118, 0.4785
CMYK	0.00, 0.18, 0.28, 0.28
HSL	20°, 26%, 62%
HSV	20°, 28%, 72%
XYZ	34.9088, 33.6965, 26.8522
YIQ	158.2280, 25.7210, 1.9210

Conversions

Conversions Part 2

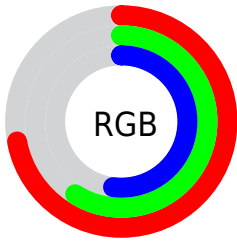
Format	Color
RYB	184, 159, 133
Decimal	12097157
CIELab	64.72, 10.14, 13.75
CIElCh	65, 17.085, 53.611
Yxy	33.6965, 0.3657, 0.3530
Android (android.graphics.Color)	4290287237 (0xFFB89685)
YUV	158.2280, -12.4374, 22.6020
Hunter-Lab	58.0487, 5.7596, 13.2077

Details

The Yxy color **33.6965, 0.3657, 0.3530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0868, 0.2704, 0.3036**, and the grayscale version is **34.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4317, 0.3555, 0.3485**, and **14.2940, 0.3840, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **29.5208, 0.3912, 0.3621**, and if you desaturate by 10%, it is **38.3743, 0.3438, 0.3440**.

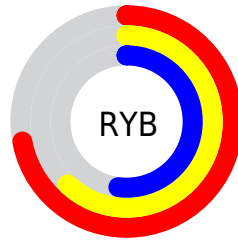
Distribution



Red (72%)

Green (59%)

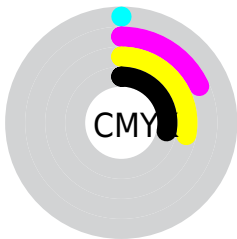
Blue (52%)



Red (72%)

Yellow (62%)

Blue (52%)

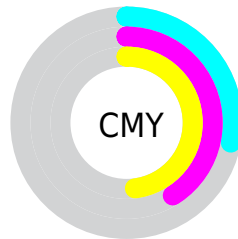


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (28%)



Cyan (28%)


Magenta (41%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6965, 0.3657, 0.3530 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 33.6965, 0.3657, 0.3530 by changing the saturation by 10% instead.


 33.6965, 0.3657,
0.3530


 33.6965, 0.3657,
0.3530


318.7766, 0.3376,
0.3409


 22.6605, 0.3733,
0.3560


 65.4614, 0.3551,
0.3486

 14.3431, 0.3833,
0.3599


 86.9592, 0.3512,
0.3469

 8.3597, 0.3973,
0.3649


 112.7130, 0.3480,
0.3455

 4.3259, 0.4180,
0.3716

143.1072, 0.3453,
0.3443

 1.8575, 0.4520,
0.3812

178.5263, 0.3429,
0.3433

 0.5226, 0.5874,
0.4126

219.3547, 0.3409,

 0.0000, 0.0000,

0.3424

0.0000

265.9766, 0.3391,
0.3416

■ 33.6965, 0.3657,
0.3530

■ 33.6965, 0.3657,
0.3530

■ 29.5208, 0.3912,
0.3621

■ 38.3743, 0.3438,
0.3440

■ 25.8254, 0.4204,
0.3707

■ 43.5658, 0.3252,
0.3353

■ 22.5936, 0.4529,
0.3781

■ 49.2882, 0.3093,
0.3272

■ 19.8057, 0.4877,
0.3830

■ 55.5563, 0.2959,
0.3197

■ 17.4408, 0.5227,
0.3844

■ 62.3844, 0.2845,
0.3128

■ 15.4758, 0.5550,
0.3812

■ 69.7862, 0.2748,
0.3066

■ 13.8824, 0.5819,
0.3734

■ 77.3289, 0.2700,
0.3080

■ 13.5655, 0.5877,
0.3716

■ 84.6322, 0.2713,
0.3215

■ 88.9318, 0.2721,
0.3289

Harmonies

Analogous

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



33.6965, 0.3591, 0.3311



33.6965, 0.3657, 0.3530



33.6965, 0.3574, 0.3699

Triad

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



33.6965, 0.3657, 0.3530



33.6965, 0.2857, 0.3493



33.6965, 0.2873, 0.2852

Complementary

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



33.6965, 0.3657, 0.3530



36.0868, 0.2704, 0.3036

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.



33.6965, 0.2692, 0.2879



33.6965, 0.3657, 0.3530



33.6965, 0.2683, 0.3241

Square

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



33.6965, 0.3657, 0.3530



33.6965, 0.3108, 0.3690



33.6965, 0.2624, 0.3017



33.6965, 0.3129, 0.2931

Rectangle

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



33.6965, 0.3657, 0.3530



33.6965, 0.3449, 0.3757



33.6965, 0.2624, 0.3017



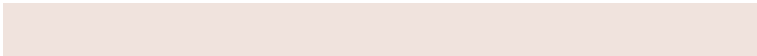
33.6965, 0.2802, 0.2848

Sweetspot

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



33.6981, 0.3657, 0.3530



78.5602, 0.3259, 0.3357



29.7557, 0.3335, 0.2825



16.6197, 0.3285, 0.3369



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



33.6981, 0.3657, 0.3530



56.5584, 0.3801, 0.3583



42.7435, 0.3567, 0.3867



9.4883, 0.3280, 0.3367



9.4658, 0.5855, 0.3733



0.4506, 0.5344, 0.4139

Inverse Universe

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



36.0868, 0.2704, 0.3036



61.5648, 0.2618, 0.2974



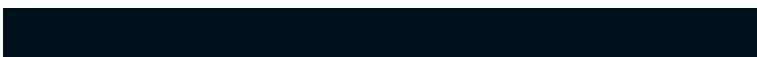
27.6442, 0.2665, 0.2638



9.6925, 0.2985, 0.3212



12.2252, 0.1938, 0.2177



0.5397, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 33.6965, 0.3657, 0.3530 looks on a white background.

Color Contrast Check

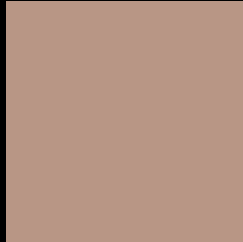
Large Text (above 18pt) WCAG AA × Fail

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 33.6965, 0.3657, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

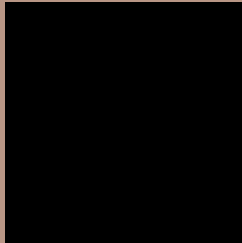
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6965, 0.3657, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 33.6965, 0.3657, 0.3530.



This preview shows how white text looks on a background with the Yxy color 33.6965, 0.3657, 0.3530.

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

33.6965, 0.3657, 0.3530

Protanopia

33.8908, 0.3404, 0.3603

Deuteranopia

33.6504, 0.3621, 0.3547



Tritanopia

33.5912, 0.3439, 0.3127

Trichromacy



Original Color

33.6965, 0.3657, 0.3530

Protanomaly

33.6311, 0.3495, 0.3568

Deuteranomaly

33.7718, 0.3632, 0.3546

Tritanomaly

33.4765, 0.3520, 0.3264

Monochromacy



Original Color

33.6965, 0.3657, 0.3530

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8281, 0.3304, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6965, 0.3657, 0.3530 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(184, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(184, 150, 133)  
}
```

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(184, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 150, 133) }
```

Border

The CSS property to change the border of an element to Yxy 33.6965, 0.3657, 0.3530 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(184, 150, 133) }
```

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

```
.border{ border-color:rgb(184, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(184, 150,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6965, 0.3657, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 150, 133) }
```

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

```
.background{ background-color: rgb(184,  
150, 133) }
```

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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