

Converting Colors

$Yxy(33.5596, 0.3693, 0.3265)$

Have a look what the booklet for
Yxy(33.5596, 0.3693, 0.3265)
contains.

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Color

Yxy(33.5596, 0.3693, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C58F91
RGB	197, 143, 145
RGB Percent	77%, 56%, 57%
CMY	0.2275, 0.4392, 0.4313
CMYK	0.00, 0.27, 0.26, 0.23
HSL	358°, 32%, 67%
HSV	358°, 27%, 77%
XYZ	37.9588, 33.5596, 31.2675
YIQ	159.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

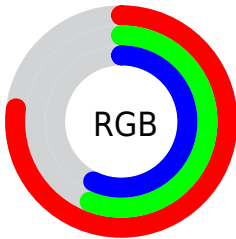
Format	Color
RYB	197, 143, 145
Decimal	12947345
CIELab	64.61, 20.75, 7.04
CIElCh	65, 21.907, 18.734
Yxy	33.5596, 0.3693, 0.3265
Android (android.graphics.Color)	4291137425 (0xFFC58F91)
YUV	159.3740, -7.0864, 32.9980
Hunter-Lab	57.9306, 15.5828, 8.5503

Details

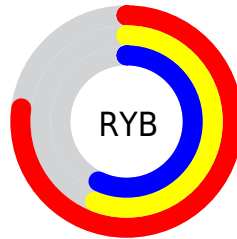
The Yxy color **33.5596, 0.3693, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7109, 0.2745, 0.3316**, and the grayscale version is **34.8743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3160, 0.3581, 0.3271**, and **14.2313, 0.3879, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **27.6193, 0.3998, 0.3256**, and if you desaturate by 10%, it is **40.6394, 0.3446, 0.3274**.

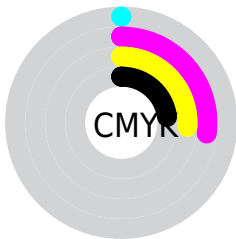
Distribution



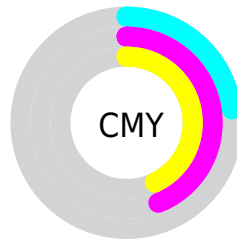
- Red (77%)
- Green (56%)
- Blue (57%)



- Red (77%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5596, 0.3693, 0.3265 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 33.5596, 0.3693, 0.3265 by changing the saturation by 10% instead.


 33.5596, 0.3693,
0.3265


 33.5596, 0.3693,
0.3265


318.1638, 0.3392,
0.3283

 22.5555, 0.3774,
0.3258


 65.2482, 0.3579,
0.3273

 14.2656, 0.3883,
0.3248

 86.7015, 0.3538,
0.3276

 8.3056, 0.4034,
0.3232


112.4067, 0.3503,
0.3278

 4.2911, 0.4260,
0.3203

142.7480, 0.3474,
0.3279

 1.8377, 0.4629,
0.3143

178.1100, 0.3449,
0.3281

 0.5105, 0.6353,
0.3241


218.8771, 0.3428,

 0.0000, 0.0000,


0.3282


0.0000


265.4335, 0.3409,
0.3283

 33.5596, 0.3693,
0.3265


 33.5596, 0.3693,
0.3265


 27.6193, 0.3998,
0.3256


 40.6394, 0.3446,
0.3274


 22.7545, 0.4367,
0.3248


 48.9087, 0.3248,
0.3284


 18.9023, 0.4796,
0.3243

 58.4205, 0.3089,
0.3292

 15.9913, 0.5262,
0.3243

 69.2231, 0.2962,
0.3300

 13.9409, 0.5717,
0.3250

 81.3621, 0.2859,
0.3307

■ 12.6568, 0.6090,
0.3264

■ 90.6098, 0.2789,
0.3289

■ 12.0078, 0.6323,
0.3280

■ 11.8858, 0.6365,
0.3280

Harmonies

Analogous

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



33.5596, 0.3417, 0.3003



33.5596, 0.3693, 0.3265



33.5596, 0.3809, 0.3546

Triad

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



33.5596, 0.3693, 0.3265



33.5596, 0.3154, 0.3839



33.5596, 0.2550, 0.2784

Complementary

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



33.5596, 0.3693, 0.3265



49.7109, 0.2745, 0.3316

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.



33.5596, 0.2490, 0.2976



33.5596, 0.3693, 0.3265



33.5596, 0.2827, 0.3602

Square

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



33.5596, 0.3693, 0.3265



33.5596, 0.3486, 0.3900



33.5596, 0.2588, 0.3276



33.5596, 0.2756, 0.2731

Rectangle

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



33.5596, 0.3693, 0.3265



33.5596, 0.3777, 0.3713



33.5596, 0.2588, 0.3276



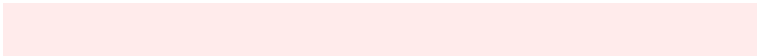
33.5596, 0.2513, 0.2833

Sweetspot

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



33.5612, 0.3693, 0.3265



86.4666, 0.3261, 0.3283



35.1865, 0.3132, 0.2610



17.9980, 0.3289, 0.3282



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.



33.5612, 0.3693, 0.3265



53.3839, 0.3872, 0.3259



41.6013, 0.3631, 0.3609



10.6432, 0.3284, 0.3282



7.8209, 0.6355, 0.3275



0.3726, 0.6198, 0.3188

Inverse Universe

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



33.5612, 0.3693, 0.3265



53.3839, 0.3872, 0.3259



39.6437, 0.2698, 0.2948



10.6432, 0.3284, 0.3282



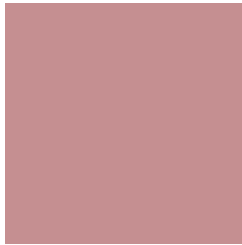
7.8209, 0.6355, 0.3275



0.3726, 0.6198, 0.3188

Previews

White Background



This preview shows how the Yxy color 33.5596, 0.3693, 0.3265 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 33.5596, 0.3693, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

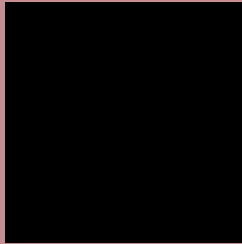
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5596, 0.3693, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 33.5596, 0.3693, 0.3265.



This preview shows how white text looks on a background with the Yxy color 33.5596, 0.3693, 0.3265.

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

33.5596, 0.3693, 0.3265

Protanopia

33.6210, 0.3213, 0.3350

Deuteranopia

33.4635, 0.3476, 0.3405



Tritanopia

33.6517, 0.3619, 0.3146

Trichromacy



Original Color

33.5596, 0.3693, 0.3265

Protanomaly

33.3018, 0.3384, 0.3320

Deuteranomaly

33.3838, 0.3548, 0.3347

Tritanomaly

33.5538, 0.3652, 0.3186

Monochromacy



Original Color

33.5596, 0.3693, 0.3265

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.9998, 0.3320, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5596, 0.3693, 0.3265 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(197, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 145)  
}
```

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(197, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.5596, 0.3693, 0.3265 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(197, 143, 145) }
```

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

```
.border{ border-color:rgb(197, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5596, 0.3693, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 145) }
```

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

```
.background{ background-color: rgb(197,  
143, 145) }
```

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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