

Converting Colors

$Yxy(36.7150, 0.3571, 0.3290)$

Have a look what the booklet for
Yxy(36.7150, 0.3571, 0.3290)
contains.

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Color

Yxy(36.8181, 0.3567, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C49999
RGB	196, 153, 153
RGB Percent	77%, 60%, 60%
CMY	0.2314, 0.4000, 0.3999
CMYK	0.00, 0.22, 0.22, 0.23
HSL	360°, 27%, 68%
HSV	360°, 22%, 77%
XYZ	39.9059, 36.8181, 35.1512
YIQ	165.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

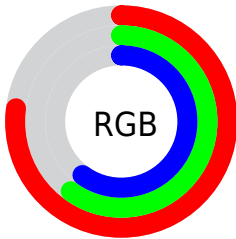
Format	Color
RYB	196, 153, 153
Decimal	12884377
CIELab	67.14, 16.04, 6.14
CIElCh	67, 17.174, 20.965
Yxy	36.8181, 0.3567, 0.3291
Android (android.graphics.Color)	4291074457 (0xFFC49999)
YUV	165.8570, -6.3385, 26.4354
Hunter-Lab	60.6779, 11.2072, 8.1274

Details

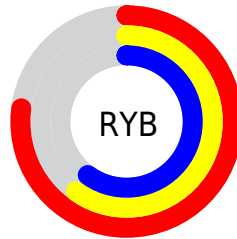
The Yxy color **36.8181, 0.3567, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2331, 0.2805, 0.3289**, and the grayscale version is **38.0837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0133, 0.3482, 0.3291**, and **16.1248, 0.3702, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **30.3268, 0.3850, 0.3292**, and if you desaturate by 10%, it is **44.4728, 0.3340, 0.3291**.

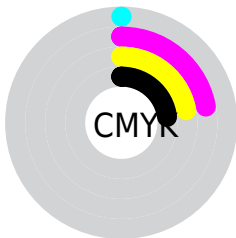
Distribution



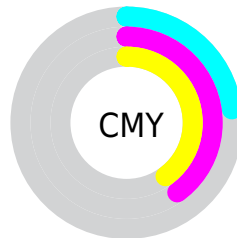
- Red (77%)
- Green (60%)
- Blue (60%)



- Red (77%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8181, 0.3567, 0.3291 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 36.8181, 0.3567, 0.3291 by changing the saturation by 10% instead.

 36.8181, 0.3567,
0.3291


 36.8181, 0.3567,
0.3291


332.5223, 0.3337,
0.3294

 25.0667, 0.3628,
0.3289


 70.2929, 0.3481,
0.3293

 16.1267, 0.3708,
0.3286


 92.7851, 0.3449,
0.3293

 9.6139, 0.3820,
0.3280


119.6264, 0.3423,
0.3294

 5.1437, 0.3983,
0.3269

151.2011, 0.3400,
0.3294

 2.3318, 0.4244,
0.3245

187.8937, 0.3381,
0.3294

 0.7905, 0.4914,
0.3291

230.0885, 0.3364,


 0.0000, 1.0000,


0.3294


0.0000


278.1699, 0.3350,
0.3294


 0.0000, 0.0000,
0.0000


 36.8181, 0.3567,
0.3291


 36.8181, 0.3567,
0.3291


 30.3268, 0.3850,
0.3292


 44.4728, 0.3340,
0.3291


 24.9373, 0.4197,
0.3293


 53.3385, 0.3158,
0.3290


 20.5899, 0.4610,
0.3294

 63.4665, 0.3012,
0.3290

 17.2174, 0.5074,
0.3295

 74.9034, 0.2895,
0.3290

 14.7445, 0.5549,
0.3297

 87.6935, 0.2801,
0.3289

■ 13.0853, 0.5970,
0.3298

■ 90.4746, 0.2784,
0.3289

■ 12.1368, 0.6262,
0.3299

■ 11.7348, 0.6400,
0.3299

Harmonies

Analogous

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



36.8181, 0.3367, 0.3083



36.8181, 0.3567, 0.3291



36.8181, 0.3644, 0.3507

Triad

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



36.8181, 0.3567, 0.3291



36.8181, 0.3131, 0.3692



36.8181, 0.2692, 0.2897

Complementary

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



36.8181, 0.3567, 0.3291



50.2331, 0.2805, 0.3289

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.



36.8181, 0.2636, 0.3040



36.8181, 0.3567, 0.3291



36.8181, 0.2883, 0.3508

Square

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



36.8181, 0.3567, 0.3291



36.8181, 0.3386, 0.3752



36.8181, 0.2704, 0.3264



36.8181, 0.2860, 0.2860

Rectangle

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



36.8181, 0.3567, 0.3291



36.8181, 0.3614, 0.3630



36.8181, 0.2704, 0.3264



36.8181, 0.2660, 0.2934

Sweetspot

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



36.8198, 0.3567, 0.3291



88.0390, 0.3247, 0.3290



38.4083, 0.3146, 0.2750



18.6347, 0.3258, 0.3290



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.



36.8198, 0.3567, 0.3291



61.1887, 0.3686, 0.3291



44.2228, 0.3511, 0.3560



10.0780, 0.3289, 0.3290



7.5409, 0.6400, 0.3299



0.3258, 0.6398, 0.3298

Inverse Universe

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



36.8198, 0.3567, 0.3291



61.1887, 0.3686, 0.3291



41.5018, 0.2784, 0.3004



10.0780, 0.3289, 0.3290



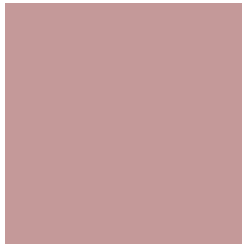
7.5409, 0.6400, 0.3299



0.3258, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 36.8181, 0.3567, 0.3291 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 36.8181, 0.3567, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

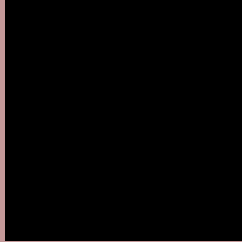
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8181, 0.3567, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 36.8181, 0.3567, 0.3291.



This preview shows how white text looks on a background with the Yxy color 36.8181, 0.3567, 0.3291.

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

36.8181, 0.3567, 0.3291

Protanopia

36.9878, 0.3219, 0.3362

Deuteranopia

36.9111, 0.3442, 0.3373



Tritanopia

36.6479, 0.3481, 0.3134

Trichromacy



Original Color

36.8181, 0.3567, 0.3291

Protanomaly

36.6616, 0.3341, 0.3333

Deuteranomaly

36.7353, 0.3487, 0.3345

Tritanomaly

36.8300, 0.3519, 0.3199

Monochromacy



Original Color

36.8181, 0.3567, 0.3291

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4101, 0.3282, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8181, 0.3567, 0.3291 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(196, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 153, 153)  
}
```

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(196, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 153, 153) }
```

Border

The CSS property to change the border of an element to Yxy 36.8181, 0.3567, 0.3291 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(196, 153, 153) }
```

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

```
.border{ border-color:rgb(196, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 153,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8181, 0.3567, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 153, 153) }
```

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

```
.background{ background-color: rgb(196,  
153, 153) }
```

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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