

Converting Colors

$Yxy(36.6053, 0.3548, 0.3292)$

Have a look what the booklet for
Yxy(36.6053, 0.3548, 0.3292)
contains.

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Color

Yxy(36.5517, 0.3547, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C29999
RGB	194, 153, 153
RGB Percent	76%, 60%, 60%
CMY	0.2391, 0.4000, 0.4000
CMYK	0.00, 0.21, 0.21, 0.24
HSL	360°, 25%, 68%
HSV	360°, 21%, 76%
XYZ	39.3950, 36.5517, 35.1190
YIQ	165.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

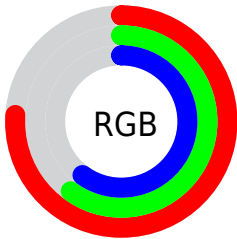
Format	Color
RYB	194, 153, 153
Decimal	12753305
CIELab	66.94, 15.30, 5.84
CIElCh	67, 16.375, 20.894
Yxy	36.5517, 0.3547, 0.3291
Android (android.graphics.Color)	4290943385 (0xFFC29999)
YUV	165.2590, -6.0437, 25.2059
Hunter-Lab	60.4580, 10.5107, 7.8801

Details

The Yxy color **36.5517, 0.3547, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2635, 0.2816, 0.3289**, and the grayscale version is **37.7803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6399, 0.3467, 0.3291**, and **16.0375, 0.3687, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **30.1206, 0.3825, 0.3292**, and if you desaturate by 10%, it is **44.1231, 0.3324, 0.3290**.

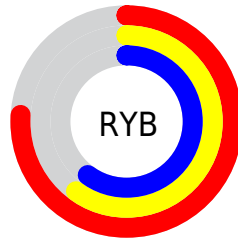
Distribution



Red (76%)

Green (60%)

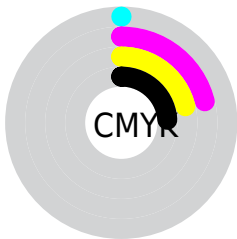
Blue (60%)



Red (76%)

Yellow (60%)

Blue (60%)

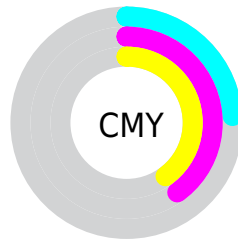


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5517, 0.3547, 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 36.5517, 0.3547, 0.3291 by changing the saturation by 10% instead.


 36.5517, 0.3547,
0.3291


 36.5517, 0.3547,
0.3291


331.3655, 0.3327,
0.3293

 24.8606, 0.3605,
0.3289


 69.8828, 0.3465,
0.3293

 15.9732, 0.3682,
0.3286


 92.2915, 0.3434,
0.3293

 9.5052, 0.3789,
0.3281


119.0415, 0.3409,
0.3293

 5.0721, 0.3945,
0.3271

150.5173, 0.3388,
0.3293

 2.2897, 0.4197,
0.3249

187.1032, 0.3369,
0.3293

 0.7682, 0.4861,
0.3300

229.1836, 0.3353,

 0.0000, 1.0000,

0.3294

0.0000

277.1429, 0.3339,
0.3294

0.0000, 0.0000,
0.0000

36.5517, 0.3547,
0.3291

36.5517, 0.3547,
0.3291

30.1206, 0.3825,
0.3292

44.1231, 0.3324,
0.3290

24.7698, 0.4167,
0.3293

52.8808, 0.3145,
0.3290

20.4417, 0.4574,
0.3294

62.8746, 0.3002,
0.3290

17.0710, 0.5034,
0.3295

74.1500, 0.2887,
0.3289

14.5852, 0.5511,
0.3297

86.7499, 0.2794,
0.3289

■ 12.9013, 0.5939,
0.3298

■ 90.2131, 0.2773,
0.3289

■ 11.9206, 0.6244,
0.3299

■ 11.4733, 0.6400,
0.3299

Harmonies

Analogous

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



36.5517, 0.3356, 0.3092



36.5517, 0.3547, 0.3291



36.5517, 0.3621, 0.3498

Triad

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



36.5517, 0.3547, 0.3291



36.5517, 0.3132, 0.3673



36.5517, 0.2710, 0.2914

Complementary

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



36.5517, 0.3547, 0.3291



49.2635, 0.2816, 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.



36.5517, 0.2657, 0.3052



36.5517, 0.3547, 0.3291



36.5517, 0.2895, 0.3499

Square

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



36.5517, 0.3547, 0.3291



36.5517, 0.3375, 0.3731



36.5517, 0.2723, 0.3267



36.5517, 0.2872, 0.2878

Rectangle

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



36.5517, 0.3547, 0.3291



36.5517, 0.3593, 0.3615



36.5517, 0.2723, 0.3267



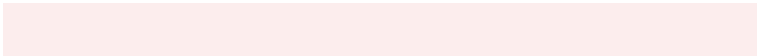
36.5517, 0.2679, 0.2950

Sweetspot

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



36.5534, 0.3547, 0.3291



87.6560, 0.3229, 0.3290



38.0592, 0.3145, 0.2770



18.9650, 0.3240, 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.



36.5534, 0.3547, 0.3291



61.0100, 0.3658, 0.3291



43.5935, 0.3495, 0.3550



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.



36.5534, 0.3547, 0.3291



61.0100, 0.3658, 0.3291



41.0153, 0.2797, 0.3015



10.0780, 0.3289, 0.3290



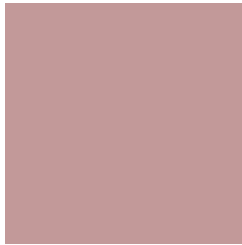
7.5409, 0.6400, 0.3299



0.3258, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 36.5517, 0.3547, 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 36.5517, 0.3547, 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 36.5517, 0.3547, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 36.5517, 0.3547, 0.3291.



This preview shows how white text looks on a background with the Yxy color 36.5517, 0.3547, 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

36.5517, 0.3547, 0.3291

Protanopia

36.5248, 0.3211, 0.3348

Deuteranopia

36.4482, 0.3434, 0.3360



Tritanopia

36.3797, 0.3461, 0.3133

Trichromacy



Original Color

36.5517, 0.3547, 0.3291

Protanomaly

36.5437, 0.3331, 0.3333

Deuteranomaly

36.6087, 0.3477, 0.3346

Tritanomaly

36.5618, 0.3499, 0.3199

Monochromacy



Original Color

36.5517, 0.3547, 0.3291

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2931, 0.3272, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5517, 0.3547, 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(194, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 153) }
```

Border

The CSS property to change the border of an element to Yxy 36.5517, 0.3547, 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(194, 153, 153) }
```

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

```
.border{ border-color:rgb(194, 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(194, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 153, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 153, 153); box-shadow:4px 4px 4px 4px rgb(194, 153, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5517, 0.3547, 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(194, 153, 153) }
```

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

```
.background{ background-color: rgb(194,  
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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