

Converting Colors

$Yxy(34.8460, 0.3617, 0.3357)$

Have a look what the booklet for
Yxy(34.8460, 0.3617, 0.3357)
contains.

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Color

Yxy(35.0635, 0.3617, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	C09691
RGB	192, 150, 145
RGB Percent	75%, 59%, 57%
CMY	0.2470, 0.4118, 0.4314
CMYK	0.00, 0.22, 0.24, 0.25
HSL	6°, 27%, 66%
HSV	6°, 24%, 75%
XYZ	37.7567, 35.0635, 31.5665
YIQ	161.9880, 26.6370, 7.3490

Conversions

Conversions Part 2

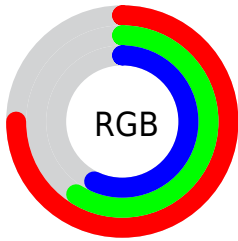
Format	Color
R_{YB}	192, 151, 145
Decimal	12621457
CIE _{Lab}	65.80, 14.98, 8.66
CIE _{LCh}	66, 17.301, 30.045
Yxy	35.0635, 0.3617, 0.3359
Android (android.graphics.Color)	4290811537 (0xFFC09691)
YUV	161.9880, -8.3751, 26.3205
Hunter-Lab	59.2144, 10.1910, 9.8433

Details

The Yxy color **35.0635, 0.3617, 0.3359** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3697, 0.2765, 0.3220**, and the grayscale version is **36.1570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4490, 0.3518, 0.3344**, and **15.1532, 0.3778, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **29.4409, 0.3898, 0.3389**, and if you desaturate by 10%, it is **41.5913, 0.3387, 0.3330**.

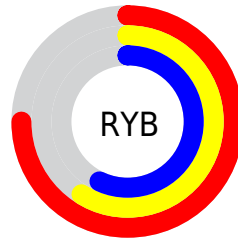
Distribution



Red (75%)

Green (59%)

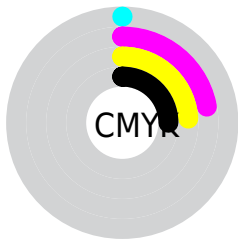
Blue (57%)



Red (75%)

Yellow (59%)

Blue (57%)

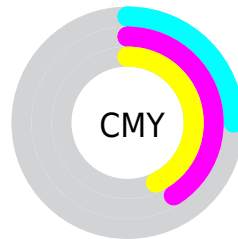


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0635, 0.3617, 0.3359 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 35.0635, 0.3617, 0.3359 by changing the saturation by 10% instead.


 35.0635, 0.3617,
0.3359


 35.0635, 0.3617,
0.3359


324.8485, 0.3358,
0.3327

 23.7118, 0.3686,
0.3366


 67.5841, 0.3520,
0.3348

 15.1200, 0.3778,
0.3374


 89.5218, 0.3484,
0.3344

 8.9036, 0.3906,
0.3382


115.7570, 0.3454,
0.3340

 4.6784, 0.4095,
0.3391

146.6740, 0.3429,
0.3337

 2.0598, 0.4402,
0.3393

182.6573, 0.3408,
0.3334

 0.6419, 0.5721,
0.3736


224.0912, 0.3389,


 0.0000, 0.0000,


0.3332


0.0000


271.3602, 0.3373,
0.3329

 35.0635, 0.3617,
0.3359

 35.0635, 0.3617,
0.3359


 29.4409, 0.3898,
0.3389


 41.5913, 0.3387,
0.3330

 24.6789, 0.4235,
0.3418


 49.0567, 0.3199,
0.3302

 20.7363, 0.4628,
0.3441

 57.4964, 0.3047,
0.3276

 17.5669, 0.5065,
0.3454

 66.9439, 0.2922,
0.3253

 15.1196, 0.5510,
0.3451

 77.4309, 0.2820,
0.3232

■ 13.3372, 0.5909,
0.3428

■ 88.6478, 0.2761,
0.3267

■ 12.1537, 0.6202,
0.3386

■ 89.9473, 0.2762,
0.3289

■ 11.7227, 0.6317,
0.3366

Harmonies

Analogous

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



35.0635, 0.3444, 0.3139



35.0635, 0.3617, 0.3359



35.0635, 0.3651, 0.3572

Triad

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



35.0635, 0.3617, 0.3359



35.0635, 0.3050, 0.3656



35.0635, 0.2723, 0.2864

Complementary

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



35.0635, 0.3617, 0.3359



45.3697, 0.2765, 0.3220

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.



35.0635, 0.2629, 0.2979



35.0635, 0.3617, 0.3359



35.0635, 0.2812, 0.3441

Square

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



35.0635, 0.3617, 0.3359



35.0635, 0.3317, 0.3760



35.0635, 0.2660, 0.3188



35.0635, 0.2924, 0.2860

Rectangle

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



35.0635, 0.3617, 0.3359



35.0635, 0.3591, 0.3684



35.0635, 0.2660, 0.3188



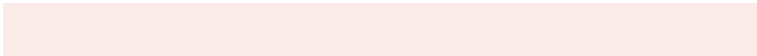
35.0635, 0.2678, 0.2890

Sweetspot

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



35.0651, 0.3617, 0.3359



85.1530, 0.3245, 0.3309



35.0599, 0.3200, 0.2745



18.0877, 0.3256, 0.3311



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.



35.0651, 0.3617, 0.3359



58.2525, 0.3750, 0.3374



43.2176, 0.3546, 0.3663



10.2465, 0.3286, 0.3315



7.9444, 0.6304, 0.3377



0.4024, 0.6012, 0.3609

Inverse Universe

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



45.3697, 0.2765, 0.3220



79.9118, 0.2697, 0.3204



36.3069, 0.2737, 0.2886



11.2395, 0.2984, 0.3265



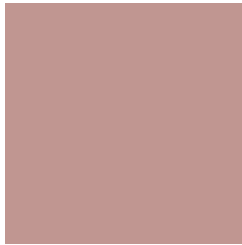
22.3750, 0.2154, 0.2956



1.0203, 0.2177, 0.3037

Previews

White Background



This preview shows how the Yxy color 35.0635, 0.3617, 0.3359 looks on a white background.

Color Contrast Check

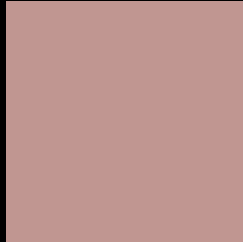
Large Text (above 18pt) WCAG AA × Fail

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 35.0635, 0.3617, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

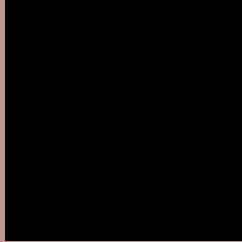
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0635, 0.3617, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 35.0635, 0.3617, 0.3359.



This preview shows how white text looks on a background with the Yxy color 35.0635, 0.3617, 0.3359.

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

35.0635, 0.3617, 0.3359

Protanopia

34.9976, 0.3268, 0.3422

Deuteranopia

34.9486, 0.3500, 0.3431



Tritanopia

35.1523, 0.3498, 0.3145

Trichromacy



Original Color

35.0635, 0.3617, 0.3359

Protanomaly

35.0290, 0.3394, 0.3405

Deuteranomaly

35.1104, 0.3545, 0.3416

Tritanomaly

35.1654, 0.3537, 0.3224

Monochromacy



Original Color

35.0635, 0.3617, 0.3359

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7383, 0.3293, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0635, 0.3617, 0.3359 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(192, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(192, 150, 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(192, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 150, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.0635, 0.3617, 0.3359 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(192, 150, 145) }
```

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

```
.border{ border-color:rgb(192, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(192, 150,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0635, 0.3617, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 150, 145) }
```

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

```
.background{ background-color: rgb(192,  
150, 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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