

Converting Colors

Yxy(36.6334, 0.3642, 0.3226)

Have a look what the booklet for
Yxy(36.6334, 0.3642, 0.3226)
contains.

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Color

Yxy(36.5245, 0.3641, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	CB959A
RGB	203, 149, 154
RGB Percent	80%, 58%, 60%
CMY	0.2039, 0.4157, 0.3961
CMYK	0.00, 0.27, 0.24, 0.20
HSL	354°, 34%, 69%
HSV	354°, 27%, 80%
XYZ	41.2103, 36.5245, 35.4493
YIQ	165.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

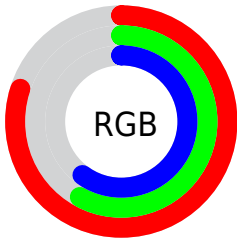
Format	Color
R _Y B	203, 149, 154
Decimal	13342106
CIE Lab	66.92, 21.03, 5.38
CIE LCh	67, 21.704, 14.341
Yxy	36.5245, 0.3641, 0.3227
Android (android.graphics.Color)	4291532186 (0xFFCB959A)
YUV	165.7160, -5.7760, 32.6981
Hunter-Lab	60.4355, 15.9551, 7.5275

Details

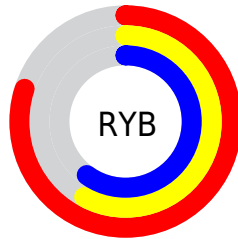
The Yxy color **36.5245, 0.3641, 0.3227** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1832, 0.2772, 0.3355**, and the grayscale version is **38.0074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5259, 0.3498, 0.3240**, and **16.0105, 0.3809, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **30.0851, 0.3923, 0.3203**, and if you desaturate by 10%, it is **44.1811, 0.3412, 0.3252**.

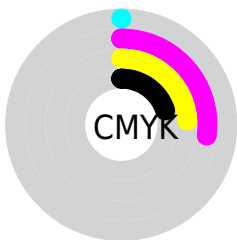
Distribution



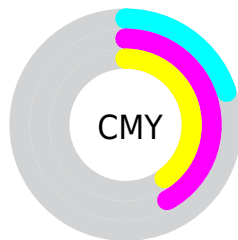
- Red (80%)
- Green (58%)
- Blue (60%)



- Red (80%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (20%)




- Cyan (20%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5245, 0.3641, 0.3227 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 36.5245, 0.3641, 0.3227 by changing the saturation by 10% instead.


 36.5245, 0.3641,
0.3227


 36.5245, 0.3641,
0.3227

331.2473, 0.3372,
0.3264

 24.8395, 0.3712,
0.3216


 69.8409, 0.3540,
0.3242

 15.9576, 0.3806,
0.3201


 92.2410, 0.3503,
0.3247

 9.4941, 0.3936,
0.3179


118.9818, 0.3472,
0.3251

 5.0649, 0.4127,
0.3144

150.4474, 0.3446,
0.3254

 2.2854, 0.4432,
0.3080

187.0224, 0.3424,
0.3257

 0.7659, 0.5165,
0.3025

229.0911, 0.3404,

 0.0000, 1.0000,

0.3260

0.0000

277.0379, 0.3387,
0.3262

0.0000, 0.0000,
0.0000

36.5245, 0.3641,
0.3227

36.5245, 0.3641,
0.3227

30.0851, 0.3923,
0.3203

44.1811, 0.3412,
0.3252

24.7954, 0.4266,
0.3180

53.1077, 0.3228,
0.3275

20.5892, 0.4667,
0.3164

63.3602, 0.3081,
0.3297

17.3914, 0.5112,
0.3159

74.9896, 0.2961,
0.3317

15.1173, 0.5561,
0.3168

88.0443, 0.2865,
0.3336

■ 13.6685, 0.5956,
0.3196

■ 91.4377, 0.2822,
0.3289

■ 12.9178, 0.6235,
0.3237

■ 12.7440, 0.6304,
0.3247

Harmonies

Analogous

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



36.5245, 0.3359, 0.2980



36.5245, 0.3641, 0.3227



36.5245, 0.3779, 0.3500

Triad

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



36.5245, 0.3641, 0.3227



36.5245, 0.3203, 0.3838



36.5245, 0.2552, 0.2822

Complementary

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



36.5245, 0.3641, 0.3227



53.1832, 0.2772, 0.3355

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.



36.5245, 0.2517, 0.3025



36.5245, 0.3641, 0.3227



36.5245, 0.2881, 0.3631

Square

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



36.5245, 0.3641, 0.3227



36.5245, 0.3515, 0.3870



36.5245, 0.2634, 0.3324



36.5245, 0.2733, 0.2749

Rectangle

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



36.5245, 0.3641, 0.3227



36.5245, 0.3767, 0.3666



36.5245, 0.2634, 0.3324



36.5245, 0.2523, 0.2876

Sweetspot

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



36.5262, 0.3641, 0.3227



86.5324, 0.3253, 0.3272



37.7601, 0.3107, 0.2624



18.0144, 0.3280, 0.3268



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.



36.5262, 0.3641, 0.3227



54.6350, 0.3798, 0.3213



43.8442, 0.3623, 0.3566



11.2302, 0.3276, 0.3269



8.1155, 0.6285, 0.3236



0.4246, 0.5946, 0.3049

Inverse Universe

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



36.5262, 0.3641, 0.3227



54.6350, 0.3798, 0.3213



43.9149, 0.2714, 0.2996



11.2302, 0.3276, 0.3269



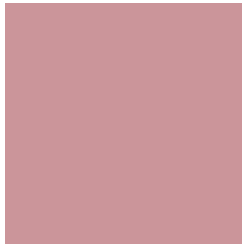
8.1155, 0.6285, 0.3236



0.4246, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 36.5245, 0.3641, 0.3227 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 36.5245, 0.3641, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

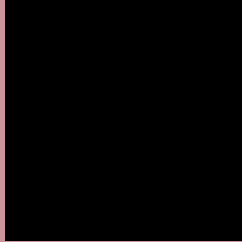
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5245, 0.3641, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 36.5245, 0.3641, 0.3227.



This preview shows how white text looks on a background with the Yxy color 36.5245, 0.3641, 0.3227.

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

36.5245, 0.3641, 0.3227

Protanopia

36.5209, 0.3174, 0.3304

Deuteranopia

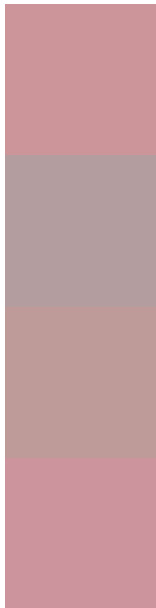
36.4482, 0.3434, 0.3360



Tritanopia

36.5204, 0.3602, 0.3150

Trichromacy



Original Color

36.5245, 0.3641, 0.3227

Protanomaly

36.1663, 0.3336, 0.3277

Deuteranomaly

36.3583, 0.3503, 0.3305

Tritanomaly

36.4515, 0.3623, 0.3176

Monochromacy



Original Color

36.5245, 0.3641, 0.3227

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3340, 0.3293, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5245, 0.3641, 0.3227 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(203, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 149, 154)  
}
```

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(203, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 149, 154) }
```

Border

The CSS property to change the border of an element to Yxy 36.5245, 0.3641, 0.3227 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(203, 149, 154) }
```

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

```
.border{ border-color:rgb(203, 149, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 149,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5245, 0.3641, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 149, 154) }
```

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

```
.background{ background-color: rgb(203,  
149, 154) }
```

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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