

Converting Colors

$Yxy(36.8743, 0.3641, 0.3202)$

Have a look what the booklet for
Yxy(36.8743, 0.3641, 0.3202)
contains.

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Color

Yxy(36.8743, 0.3641, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	CD959C
RGB	205, 149, 156
RGB Percent	80%, 58%, 61%
CMY	0.1960, 0.4157, 0.3883
CMYK	0.00, 0.27, 0.24, 0.20
HSL	353°, 36%, 69%
HSV	353°, 27%, 80%
XYZ	41.9298, 36.8743, 36.3561
YIQ	166.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

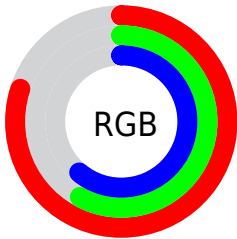
Format	Color
R_{YB}	205, 149, 156
Decimal	13473180
CIE _{Lab}	67.18, 22.08, 4.67
CIE _{LCh}	67, 22.568, 11.936
Yxy	36.8743, 0.3641, 0.3202
Android (android.graphics.Color)	4291663260 (0xFFCD959C)
YUV	166.5420, -5.1972, 33.7277
Hunter-Lab	60.7242, 16.9862, 7.0095

Details

The Yxy color **36.8743, 0.3641, 0.3202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1430, 0.2775, 0.3381**, and the grayscale version is **38.4249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6250, 0.3482, 0.3219**, and **16.2393, 0.3807, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **30.3862, 0.3917, 0.3169**, and if you desaturate by 10%, it is **44.5975, 0.3417, 0.3236**.

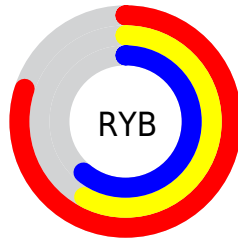
Distribution



Red (80%)

Green (58%)

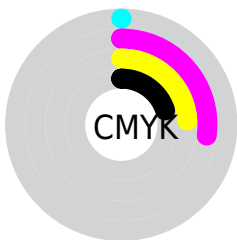
Blue (61%)



Red (80%)

Yellow (58%)

Blue (61%)

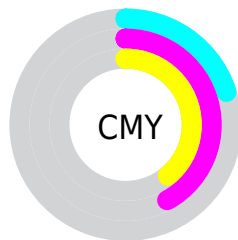


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8743, 0.3641, 0.3202 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 36.8743, 0.3641, 0.3202 by changing the saturation by 10% instead.


 36.8743, 0.3641,
0.3202


 36.8743, 0.3641,
0.3202


332.7660, 0.3372,
0.3251

 25.1102, 0.3712,
0.3188


 70.3794, 0.3541,
0.3221

 16.1592, 0.3806,
0.3169


 92.8892, 0.3504,
0.3228

 9.6369, 0.3934,
0.3141


119.7497, 0.3473,
0.3233

 5.1589, 0.4123,
0.3099

151.3452, 0.3447,
0.3238

 2.3408, 0.4423,
0.3025

188.0602, 0.3424,
0.3242

 0.7952, 0.5085,
0.2928

230.2791, 0.3405,

 0.0000, 1.0000,

0.3246

0.0000

278.3862, 0.3388,
0.3248

■ 0.0000, 0.0000,
0.0000

■ 36.8743, 0.3641,
0.3202

■ 36.8743, 0.3641,
0.3202

■ 30.3862, 0.3917,
0.3169

■ 44.5975, 0.3417,
0.3236

■ 25.0644, 0.4250,
0.3139

■ 53.6099, 0.3237,
0.3268

■ 20.8409, 0.4641,
0.3116

■ 63.9686, 0.3091,
0.3298

■ 17.6389, 0.5074,
0.3108

■ 75.7256, 0.2974,
0.3325

■ 15.3714, 0.5514,
0.3119

■ 88.9304, 0.2879,
0.3350

■ 13.9370, 0.5906,
0.3155

■ 91.7230, 0.2833,
0.3289

■ 13.1976, 0.6194,
0.3208

■ 13.0558, 0.6254,
0.3219

Harmonies

Analogous

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



36.8743, 0.3340, 0.2952



36.8743, 0.3641, 0.3202



36.8743, 0.3798, 0.3484

Triad

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



36.8743, 0.3641, 0.3202



36.8743, 0.3232, 0.3869



36.8743, 0.2524, 0.2817

Complementary

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



36.8743, 0.3641, 0.3202



54.1430, 0.2775, 0.3381

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.



36.8743, 0.2500, 0.3037



36.8743, 0.3641, 0.3202



36.8743, 0.2896, 0.3667

Square

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



36.8743, 0.3641, 0.3202



36.8743, 0.3551, 0.3886



36.8743, 0.2632, 0.3351



36.8743, 0.2699, 0.2731

Rectangle

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



36.8743, 0.3641, 0.3202



36.8743, 0.3796, 0.3659



36.8743, 0.2632, 0.3351



36.8743, 0.2498, 0.2876

Sweetspot

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



36.8760, 0.3641, 0.3202



86.5709, 0.3249, 0.3265



37.8476, 0.3089, 0.2601



18.0240, 0.3275, 0.3261



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.



36.8760, 0.3641, 0.3202



53.6802, 0.3802, 0.3182



43.7298, 0.3646, 0.3551



11.2361, 0.3271, 0.3261



8.1330, 0.6230, 0.3206



0.4273, 0.5806, 0.2972

Inverse Universe

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



36.8760, 0.3641, 0.3202



53.6802, 0.3802, 0.3182



45.2795, 0.2705, 0.3012



11.2361, 0.3271, 0.3261



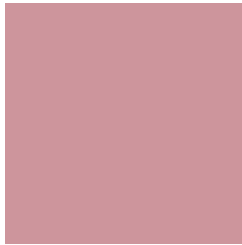
8.1330, 0.6230, 0.3206



0.4273, 0.5806, 0.2972

Previews

White Background



This preview shows how the Yxy color 36.8743, 0.3641, 0.3202 looks on a white background.

Color Contrast Check

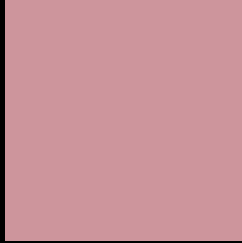
Large Text (above 18pt) WCAG AA × Fail

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 36.8743, 0.3641, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

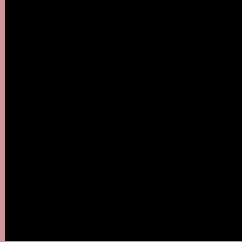
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8743, 0.3641, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 36.8743, 0.3641, 0.3202.



This preview shows how white text looks on a background with the Yxy color 36.8743, 0.3641, 0.3202.

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

36.8743, 0.3641, 0.3202

Protanopia

37.0902, 0.3156, 0.3276

Deuteranopia

36.8541, 0.3413, 0.3346



Tritanopia

36.6970, 0.3601, 0.3138

Trichromacy



Original Color

36.8743, 0.3641, 0.3202

Protanomaly

36.8507, 0.3326, 0.3249

Deuteranomaly

36.8856, 0.3491, 0.3291

Tritanomaly

36.6621, 0.3612, 0.3151

Monochromacy



Original Color

36.8743, 0.3641, 0.3202

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6097, 0.3304, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8743, 0.3641, 0.3202 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(205, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(205, 149, 156)  
}
```

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(205, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 149, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.8743, 0.3641, 0.3202 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(205, 149, 156) }
```

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

```
.border{ border-color:rgb(205, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(205, 149,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8743, 0.3641, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 149, 156) }
```

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

```
.background{ background-color: rgb(205,  
149, 156) }
```

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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