

Converting Colors

$Y_{xy}(35.7018, 0.3715, 0.3196)$

Have a look what the booklet for
Yxy(35.7018, 0.3715, 0.3196)
contains.

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Color

Yxy(35.7832, 0.3716, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	CF9198
RGB	207, 145, 152
RGB Percent	81%, 57%, 60%
CMY	0.1884, 0.4313, 0.4040
CMYK	0.00, 0.30, 0.27, 0.19
HSL	353°, 39%, 69%
HSV	353°, 30%, 81%
XYZ	41.5143, 35.7832, 34.4202
YIQ	164.3360, 34.7050, 15.3210

Conversions

Conversions Part 2

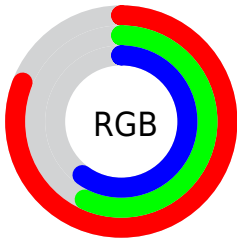
Format	Color
R_{YB}	207, 145, 152
Decimal	13603224
CIE _{Lab}	66.35, 24.39, 5.75
CIE _{LCh}	66, 25.058, 13.257
Yxy	35.7832, 0.3716, 0.3203
Android (android.graphics.Color)	4291793304 (0xFFCF9198)
YUV	164.3360, -6.0816, 37.4163
Hunter-Lab	59.8191, 19.1953, 7.7575

Details

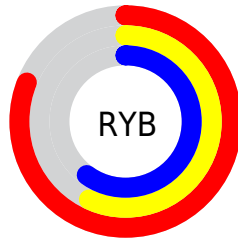
The Yxy color **35.7832, 0.3716, 0.3203** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7944, 0.2740, 0.3381**, and the grayscale version is **37.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5631, 0.3521, 0.3219**, and **15.5243, 0.3906, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **29.4683, 0.4011, 0.3174**, and if you desaturate by 10%, it is **43.3467, 0.3476, 0.3233**.

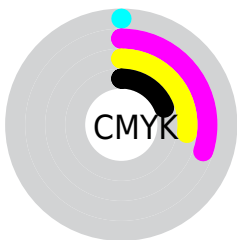
Distribution



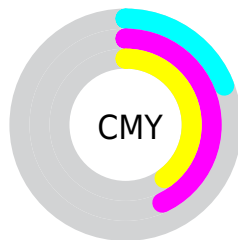
- Red (81%)
- Green (57%)
- Blue (60%)



- Red (81%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7832, 0.3716, 0.3203 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 35.7832, 0.3716, 0.3203 by changing the saturation by 10% instead.


 35.7832, 0.3716,
0.3203


 35.7832, 0.3716,
0.3203


328.0120, 0.3407,
0.3253

 24.2668, 0.3798,
0.3188


 68.6973, 0.3600,
0.3223

 15.5317, 0.3907,
0.3168


 90.8638, 0.3557,
0.3230

 9.1934, 0.4058,
0.3138


117.3491, 0.3522,
0.3235

 4.8675, 0.4279,
0.3090

148.5377, 0.3492,
0.3240

 2.1697, 0.4633,
0.3005

184.8138, 0.3466,
0.3244

 0.7034, 0.5563,
0.2924

226.5620, 0.3444,


 0.0000, 1.0000,


0.3248


0.0000

274.1666, 0.3424,
0.3250


 0.0000, 0.0000,
0.0000


 35.7832, 0.3716,
0.3203


 35.7832, 0.3716,
0.3203


 29.4683, 0.4011,
0.3174


 43.3467, 0.3476,
0.3233


 24.3302, 0.4366,
0.3148


 52.2156, 0.3282,
0.3263

 20.2973, 0.4776,
0.3131

 62.4494, 0.3126,
0.3290

 17.2883, 0.5221,
0.3129

 74.1024, 0.3001,
0.3316

 15.2107, 0.5657,
0.3146

 87.2258, 0.2899,
0.3339

■ 13.9552, 0.6023,
0.3184

■ 91.9985, 0.2843,
0.3289

■ 13.3255, 0.6274,
0.3231

■ 13.3214, 0.6276,
0.3231

Harmonies

Analogous

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



35.7832, 0.3382, 0.2924



35.7832, 0.3716, 0.3203



35.7832, 0.3884, 0.3516

Triad

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



35.7832, 0.3716, 0.3203



35.7832, 0.3225, 0.3937



35.7832, 0.2460, 0.2752

Complementary

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



35.7832, 0.3716, 0.3203



54.7944, 0.2740, 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.



35.7832, 0.2425, 0.2990



35.7832, 0.3716, 0.3203



35.7832, 0.2852, 0.3702

Square

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



35.7832, 0.3716, 0.3203



35.7832, 0.3586, 0.3963



35.7832, 0.2564, 0.3340



35.7832, 0.2660, 0.2667

Rectangle

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



35.7832, 0.3716, 0.3203



35.7832, 0.3874, 0.3711



35.7832, 0.2564, 0.3340



35.7832, 0.2429, 0.2815

Sweetspot

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



35.7849, 0.3716, 0.3203



84.9782, 0.3268, 0.3265



37.0042, 0.3093, 0.2536



17.7060, 0.3293, 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.



35.7849, 0.3716, 0.3203



50.5628, 0.3902, 0.3184



43.5927, 0.3704, 0.3590



11.8295, 0.3273, 0.3264



8.4045, 0.6255, 0.3219



0.4774, 0.5882, 0.3014

Inverse Universe

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



35.7849, 0.3716, 0.3203



50.5628, 0.3902, 0.3184



44.4807, 0.2663, 0.2968



11.8295, 0.3273, 0.3264



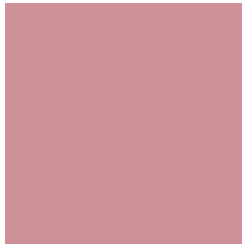
8.4045, 0.6255, 0.3219



0.4774, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 35.7832, 0.3716, 0.3203 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 35.7832, 0.3716, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

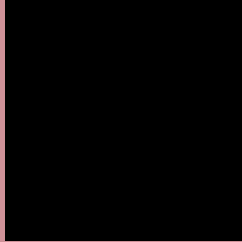
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7832, 0.3716, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 35.7832, 0.3716, 0.3203.



This preview shows how white text looks on a background with the Yxy color 35.7832, 0.3716, 0.3203.

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

35.7832, 0.3716, 0.3203

Protanopia

36.0623, 0.3165, 0.3290

Deuteranopia

35.9240, 0.3446, 0.3374



Tritanopia

35.5785, 0.3687, 0.3152

Trichromacy



Original Color

35.7832, 0.3716, 0.3203

Protanomaly

35.6146, 0.3349, 0.3249

Deuteranomaly

35.7672, 0.3539, 0.3305

Tritanomaly

35.5450, 0.3698, 0.3164

Monochromacy



Original Color

35.7832, 0.3716, 0.3203

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3553, 0.3327, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7832, 0.3716, 0.3203 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(207, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 152)  
}
```

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(207, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 152) }
```

Border

The CSS property to change the border of an element to Yxy 35.7832, 0.3716, 0.3203 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(207, 145, 152) }
```

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

```
.border{ border-color:rgb(207, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7832, 0.3716, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 152) }
```

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

```
.background{ background-color: rgb(207,  
145, 152) }
```

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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