

Converting Colors

$Yxy(33.8127, 0.3584, 0.3263)$

Have a look what the booklet for
Yxy(33.8127, 0.3584, 0.3263)
contains.

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Color

Yxy(33.7723, 0.3587, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	BF9294
RGB	191, 146, 148
RGB Percent	75%, 57%, 58%
CMY	0.2509, 0.4275, 0.4196
CMYK	0.00, 0.24, 0.23, 0.25
HSL	357°, 26%, 66%
HSV	357°, 24%, 75%
XYZ	37.1144, 33.7723, 32.5824
YIQ	159.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

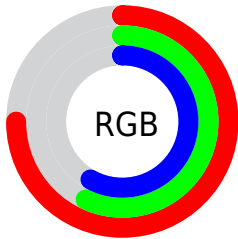
Format	Color
RYB	191, 146, 148
Decimal	12554900
CIELab	64.78, 17.26, 5.50
CIElCh	65, 18.119, 17.686
Yxy	33.7723, 0.3587, 0.3264
Android (android.graphics.Color)	4290744980 (0xFFBF9294)
YUV	159.6830, -5.7597, 27.4650
Hunter-Lab	58.1139, 12.2993, 7.4380

Details

The Yxy color **33.7723, 0.3587, 0.3264** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0559, 0.2797, 0.3317**, and the grayscale version is **35.0199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5293, 0.3494, 0.3270**, and **14.3659, 0.3753, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **27.8356, 0.3865, 0.3253**, and if you desaturate by 10%, it is **40.7872, 0.3362, 0.3275**.

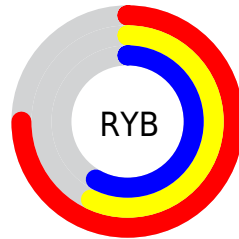
Distribution



Red (75%)

Green (57%)

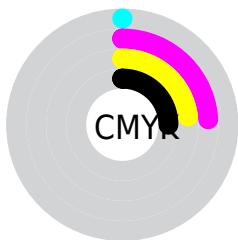
Blue (58%)



Red (75%)

Yellow (57%)

Blue (58%)

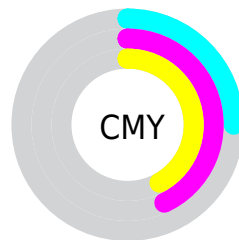


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7723, 0.3587, 0.3264 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 33.7723, 0.3587, 0.3264 by changing the saturation by 10% instead.

 33.7723, 0.3587,
0.3264


 33.7723, 0.3587,
0.3264


319.1156, 0.3343,
0.3281

 22.7187, 0.3653,
0.3258


 65.5794, 0.3495,
0.3271

 14.3860, 0.3741,
0.3250


 87.1018, 0.3461,
0.3274

 8.3896, 0.3863,
0.3237


112.8825, 0.3433,
0.3276

 4.3452, 0.4046,
0.3214

143.3060, 0.3410,
0.3277

 1.8685, 0.4347,
0.3169

178.7566, 0.3390,
0.3278

 0.5293, 0.5626,
0.3212

219.6188, 0.3372,

 0.0000, 0.0000,


0.3279

0.0000


266.2770, 0.3357,
0.3280


 33.7723, 0.3587,
0.3264


 33.7723, 0.3587,
0.3264


 27.8356, 0.3865,
0.3253


 40.7872, 0.3362,
0.3275


 22.9192, 0.4205,
0.3242


 48.9250, 0.3182,
0.3286


 18.9672, 0.4608,
0.3234

 58.2337, 0.3038,
0.3296

 15.9161, 0.5060,
0.3231

 68.7570, 0.2922,
0.3306

 13.6951, 0.5524,
0.3235

 80.5365, 0.2827,
0.3314

■ 12.2225, 0.5939,
0.3248

■ 89.8191, 0.2757,
0.3289

■ 11.4004, 0.6236,
0.3268

■ 11.0978, 0.6356,
0.3275

Harmonies

Analogous

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



33.7723, 0.3358, 0.3044



33.7723, 0.3587, 0.3264



33.7723, 0.3688, 0.3499

Triad

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



33.7723, 0.3587, 0.3264



33.7723, 0.3162, 0.3743



33.7723, 0.2643, 0.2875

Complementary

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



33.7723, 0.3587, 0.3264



47.0559, 0.2797, 0.3317

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.



33.7723, 0.2597, 0.3041



33.7723, 0.3587, 0.3264



33.7723, 0.2889, 0.3554

Square

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



33.7723, 0.3587, 0.3264



33.7723, 0.3435, 0.3790



33.7723, 0.2685, 0.3290



33.7723, 0.2813, 0.2823

Rectangle

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



33.7723, 0.3587, 0.3264



33.7723, 0.3666, 0.3638



33.7723, 0.2685, 0.3290



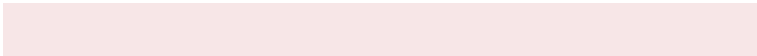
33.7723, 0.2613, 0.2919

Sweetspot

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



33.7739, 0.3587, 0.3264



82.2100, 0.3242, 0.3283



35.1083, 0.3132, 0.2708



17.8542, 0.3252, 0.3282



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.



33.7739, 0.3587, 0.3264



55.0592, 0.3715, 0.3258



40.5203, 0.3548, 0.3562



9.5431, 0.3281, 0.3280



7.2947, 0.6344, 0.3268



0.2881, 0.6133, 0.3152

Inverse Universe

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



33.7739, 0.3587, 0.3264



55.0592, 0.3715, 0.3258



38.9082, 0.2760, 0.3002



9.5431, 0.3281, 0.3280



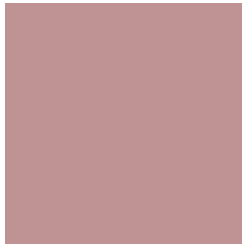
7.2947, 0.6344, 0.3268



0.2881, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 33.7723, 0.3587, 0.3264 looks on a white background.

Color Contrast Check

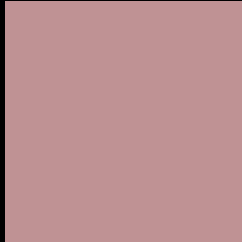
Large Text (above 18pt) WCAG AA × Fail

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 33.7723, 0.3587, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

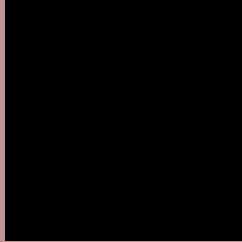
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7723, 0.3587, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 33.7723, 0.3587, 0.3264.



This preview shows how white text looks on a background with the Yxy color 33.7723, 0.3587, 0.3264.

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

33.7723, 0.3587, 0.3264

Protanopia

34.0241, 0.3194, 0.3335

Deuteranopia

33.9102, 0.3433, 0.3362



Tritanopia

33.8576, 0.3515, 0.3143

Trichromacy



Original Color

33.7723, 0.3587, 0.3264

Protanomaly

33.8201, 0.3330, 0.3305

Deuteranomaly

33.8644, 0.3491, 0.3333

Tritanomaly

33.7572, 0.3547, 0.3183

Monochromacy



Original Color

33.7723, 0.3587, 0.3264

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5009, 0.3278, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7723, 0.3587, 0.3264 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(191, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(191, 146, 148)  
}
```

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(191, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 146, 148) }
```

Border

The CSS property to change the border of an element to Yxy 33.7723, 0.3587, 0.3264 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(191, 146, 148) }
```

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

```
.border{ border-color:rgb(191, 146, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(191, 146,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7723, 0.3587, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 146, 148) }
```

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

```
.background{ background-color: rgb(191,  
146, 148) }
```

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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