

Converting Colors

Yxy(45.8408, 0.3146, 0.3116)

Have a look what the booklet for
Yxy(45.8408, 0.3146, 0.3116)
contains.

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Color

Yxy(45.8447, 0.3144, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	BFB0BE
RGB	191, 176, 190
RGB Percent	75%, 69%, 75%
CMY	0.2511, 0.3098, 0.2549
CMYK	0.00, 0.08, 0.01, 0.25
HSL	304°, 10%, 72%
HSV	304°, 8%, 75%
XYZ	46.3012, 45.8447, 55.1226
YIQ	182.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

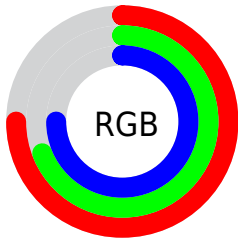
Format	Color
RYB	191, 176, 190
Decimal	12562622
CIELab	73.44, 7.88, -5.18
CIElCh	73, 9.434, 326.662
Yxy	45.8447, 0.3144, 0.3113
Android (android.graphics.Color)	4290752702 (0xFFBFB0BE)
YUV	182.0810, 3.9041, 7.8220
Hunter-Lab	67.7087, 3.5734, -0.8727

Details

The Yxy color $45.8447, 0.3144, 0.3113$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.6582, 0.3111, 0.3474$, and the grayscale version is $46.8017, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1412, 0.3140, 0.3151$, and $21.6247, 0.3150, 0.3067$ is the 20% darker color. If you saturate the color by 10%, you get $38.8217, 0.3167, 0.2881$, and if you desaturate by 10%, it is $53.9258, 0.3123, 0.3338$.

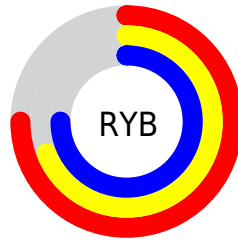
Distribution



Red (75%)

Green (69%)

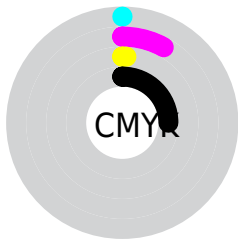
Blue (75%)



Red (75%)

Yellow (69%)

Blue (75%)

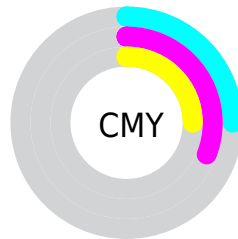


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8447, 0.3144, 0.3113 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 45.8447, 0.3144, 0.3113 by changing the saturation by 10% instead.


 45.8447, 0.3144,
0.3113

 45.8447, 0.3144,
0.3113


370.1839, 0.3136,
0.3201

 32.1233, 0.3146,
0.3091


 83.9865, 0.3141,
0.3145

 21.4557, 0.3148,
0.3064


109.1757, 0.3140,
0.3157

 13.4575, 0.3151,
0.3027


138.9563, 0.3139,
0.3167

 7.7443, 0.3155,
0.2976

173.7127, 0.3138,
0.3175

 3.9318, 0.3160,
0.2902

213.8293, 0.3138,
0.3183

 1.6355, 0.3166,
0.2781

259.6904, 0.3137,

 0.3813, 0.3237,

0.3190

0.2225

311.6805, 0.3137,
0.3195

■ 0.0000, 0.0000,
0.0000

■ 45.8447, 0.3144,
0.3113

■ 45.8447, 0.3144,
0.3113

■ 38.8217, 0.3167,
0.2881

■ 53.9258, 0.3123,
0.3338

■ 32.8071, 0.3193,
0.2648

■ 63.1001, 0.3104,
0.3551

■ 27.7560, 0.3220,
0.2420

■ 73.4087, 0.3087,
0.3751

■ 23.6179, 0.3248,
0.2207

■ 84.8886, 0.3073,
0.3936

■ 20.3377, 0.3277,
0.2019

■ 86.5908, 0.3065,
0.3947

■ 17.8545, 0.3305,
0.1863

■ 86.6482, 0.3058,
0.3933

■ 16.0990, 0.3331,
0.1748

■ 86.7059, 0.3051,
0.3918

■ 14.9905, 0.3355,
0.1675

■ 86.7642, 0.3044,
0.3904

■ 14.4075, 0.3376,
0.1641

■ 86.8230, 0.3038,
0.3889

Harmonies

Analogous

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



45.8447, 0.3013, 0.3068



45.8447, 0.3144, 0.3113



45.8447, 0.3273, 0.3203

Triad

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



45.8447, 0.3144, 0.3113



45.8447, 0.3342, 0.3502



45.8447, 0.2897, 0.3257

Complementary

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



45.8447, 0.3144, 0.3113



49.6582, 0.3111, 0.3474

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.



45.8447, 0.2982, 0.3379



45.8447, 0.3144, 0.3113



45.8447, 0.3238, 0.3522

Square

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



45.8447, 0.3144, 0.3113



45.8447, 0.3389, 0.3425



45.8447, 0.3106, 0.3477



45.8447, 0.2873, 0.3148

Rectangle

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



45.8447, 0.3144, 0.3113



45.8447, 0.3339, 0.3277



45.8447, 0.3106, 0.3477



45.8447, 0.2919, 0.3298

Sweetspot

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



45.8467, 0.3144, 0.3113



90.2993, 0.3131, 0.3245



44.1349, 0.3014, 0.3093



19.8615, 0.3131, 0.3247



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.



45.8467, 0.3144, 0.3113



80.3833, 0.3147, 0.3083



45.5374, 0.3204, 0.3204



9.6852, 0.3147, 0.3078



9.4092, 0.3378, 0.1635



0.3719, 0.3334, 0.1610

Inverse Universe

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



45.8467, 0.3144, 0.3113



80.3833, 0.3147, 0.3083



49.9552, 0.3057, 0.3377



9.6852, 0.3147, 0.3078



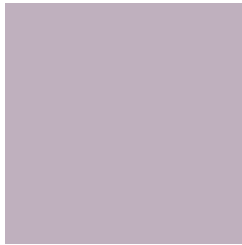
9.4092, 0.3378, 0.1635



0.3719, 0.3334, 0.1610

Previews

White Background



This preview shows how the Yxy color 45.8447, 0.3144, 0.3113 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 45.8447, 0.3144, 0.3113 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 45.8447, 0.3144, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 45.8447, 0.3144, 0.3113.



This preview shows how white text looks on a background with the Yxy color 45.8447, 0.3144, 0.3113.

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

45.8447, 0.3144, 0.3113

Protanopia

45.7493, 0.3033, 0.3121

Deuteranopia

45.7151, 0.3162, 0.3101



Tritanopia

45.8447, 0.3144, 0.3113

Trichromacy



Original Color

45.8447, 0.3144, 0.3113

Protanomaly

45.7927, 0.3075, 0.3123

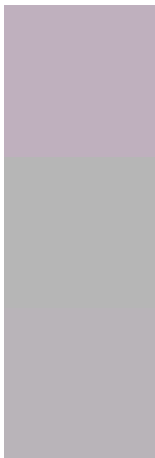
Deuteranomaly

45.5841, 0.3154, 0.3101

Tritanomaly

45.8447, 0.3144, 0.3113

Monochromacy



Original Color

45.8447, 0.3144, 0.3113

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4596, 0.3130, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8447, 0.3144, 0.3113 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, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 190)  
}
```

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, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 190) }
```

Border

The CSS property to change the border of an element to Yxy 45.8447, 0.3144, 0.3113 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, 176, 190) }
```

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

```
.border{ border-color:rgb(191, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 176, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 176, 190); box-shadow:4px 4px 4px 4px rgb(191, 176, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8447, 0.3144, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 190) }
```

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

```
.background{ background-color: rgb(191,  
176, 190) }
```

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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