

Converting Colors

$Y_{xy}(48.0565, 0.3161, 0.3214)$

Have a look what the booklet for
Yxy(48.0565, 0.3161, 0.3214)
contains.

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Color

Yxy(48.1631, 0.3156, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	BFB6BC
RGB	191, 182, 188
RGB Percent	75%, 71%, 74%
CMY	0.2510, 0.2863, 0.2626
CMYK	0.00, 0.05, 0.02, 0.25
HSL	320°, 7%, 73%
HSV	320°, 5%, 75%
XYZ	47.2939, 48.1631, 54.3970
YIQ	185.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

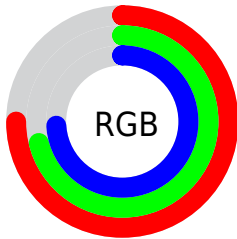
Format	Color
RYB	191, 182, 188
Decimal	12564156
CIELab	74.93, 4.28, -1.93
CIELCh	75, 4.694, 335.786
Yxy	48.1631, 0.3156, 0.3214
Android (android.graphics.Color)	4290754236 (0xFFBFB6BC)
YUV	185.3750, 1.2941, 4.9331
Hunter-Lab	69.3996, 0.1935, 2.1069

Details

The Yxy color **48.1631, 0.3156, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7103, 0.3099, 0.3367**, and the grayscale version is **48.7287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4549, 0.3150, 0.3231**, and **22.8531, 0.3167, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **40.6017, 0.3225, 0.3047**, and if you desaturate by 10%, it is **56.8076, 0.3098, 0.3373**.

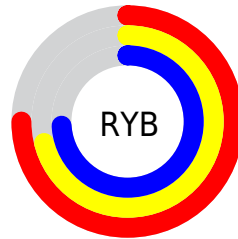
Distribution



Red (75%)

Green (71%)

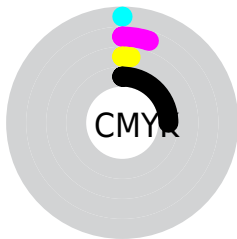
Blue (74%)



Red (75%)

Yellow (71%)

Blue (74%)

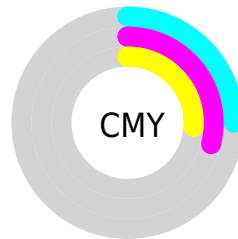


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1631, 0.3156, 0.3214 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 48.1631, 0.3156, 0.3214 by changing the saturation by 10% instead.

■ 48.1631, 0.3156,
0.3214

■ 48.1631, 0.3156,
0.3214

379.4383, 0.3142,
0.3252

■ 33.9561, 0.3159,
0.3205

■ 87.4472, 0.3151,
0.3228

■ 22.8599, 0.3164,
0.3193

113.2930, 0.3149,
0.3233

■ 14.4901, 0.3170,
0.3177

143.7873, 0.3147,
0.3237

■ 8.4623, 0.3178,
0.3155

179.3143, 0.3146,
0.3241

■ 4.3922, 0.3190,
0.3123

220.2585, 0.3145,
0.3244

■ 1.8953, 0.3209,
0.3071

267.0043, 0.3144,

■ 0.5455, 0.3284,

0.3247

0.2876

319.9361, 0.3143,
0.3249

0.0000, 0.0000,
0.0000

48.1631, 0.3156,
0.3214

48.1631, 0.3156,
0.3214

40.6017, 0.3225,
0.3047

56.8076, 0.3098,
0.3373

34.0742, 0.3307,
0.2874

66.5696, 0.3049,
0.3521

28.5366, 0.3402,
0.2700

77.4897, 0.3008,
0.3659

23.9394, 0.3510,
0.2532

87.4146, 0.2973,
0.3751

20.2291, 0.3632,
0.2378

87.7418, 0.2939,
0.3679

■ 17.3464, 0.3765,
0.2249

■ 88.0816, 0.2906,
0.3607

■ 15.2248, 0.3905,
0.2156

■ 88.4341, 0.2873,
0.3537

■ 13.7875, 0.4049,
0.2108

■ 88.7996, 0.2840,
0.3467

■ 12.9415, 0.4190,
0.2109

■ 89.1780, 0.2808,
0.3398

Harmonies

Analogous

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



48.1631, 0.3090, 0.3184



48.1631, 0.3156, 0.3214



48.1631, 0.3214, 0.3264

Triad

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



48.1631, 0.3156, 0.3214



48.1631, 0.3220, 0.3400



48.1631, 0.3007, 0.3257

Complementary

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



48.1631, 0.3156, 0.3214



50.7103, 0.3099, 0.3367

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.



48.1631, 0.3041, 0.3316



48.1631, 0.3156, 0.3214



48.1631, 0.3163, 0.3399

Square

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



48.1631, 0.3156, 0.3214



48.1631, 0.3251, 0.3371



48.1631, 0.3098, 0.3368



48.1631, 0.3005, 0.3208

Rectangle

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



48.1631, 0.3156, 0.3214



48.1631, 0.3241, 0.3302



48.1631, 0.3098, 0.3368



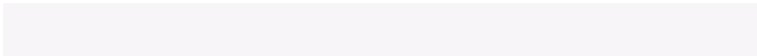
48.1631, 0.3015, 0.3277

Sweetspot

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



48.1652, 0.3156, 0.3214



91.7546, 0.3133, 0.3274



47.5138, 0.3081, 0.3175



20.1654, 0.3133, 0.3275



97.7402, 0.3127, 0.3290



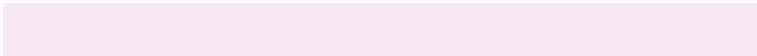
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.1652, 0.3156, 0.3214



84.2758, 0.3165, 0.3191



47.9791, 0.3191, 0.3269



10.1116, 0.3168, 0.3184



8.3173, 0.4247, 0.2113



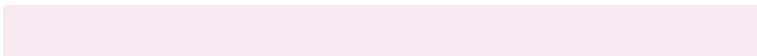
0.3374, 0.3940, 0.1944

Inverse Universe

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



48.1652, 0.3156, 0.3214



84.2758, 0.3165, 0.3191



50.8981, 0.3067, 0.3311



10.1116, 0.3168, 0.3184



8.3173, 0.4247, 0.2113



0.3374, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 48.1631, 0.3156, 0.3214 looks on a white background.

Color Contrast Check

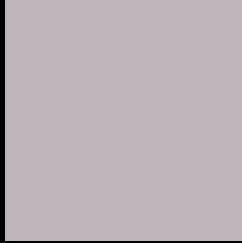
Large Text (above 18pt) WCAG AA × Fail

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 48.1631, 0.3156, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

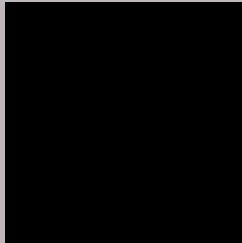
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

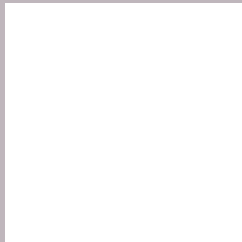
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1631, 0.3156, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 48.1631, 0.3156, 0.3214.



This preview shows how white text looks on a background with the Yxy color 48.1631, 0.3156, 0.3214.

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

48.1631, 0.3156, 0.3214

Protanopia

47.9802, 0.3106, 0.3213

Deuteranopia

48.1937, 0.3228, 0.3167



Tritanopia

48.1943, 0.3110, 0.3115

Trichromacy



Original Color

48.1631, 0.3156, 0.3214

Protanomaly

48.2325, 0.3122, 0.3214

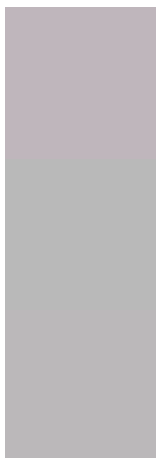
Deuteranomaly

48.1870, 0.3201, 0.3178

Tritanomaly

48.0600, 0.3134, 0.3152

Monochromacy



Original Color

48.1631, 0.3156, 0.3214

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3909, 0.3137, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1631, 0.3156, 0.3214 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, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 188)  
}
```

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, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 188) }
```

Border

The CSS property to change the border of an element to Yxy 48.1631, 0.3156, 0.3214 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, 182, 188) }
```

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

```
.border{ border-color:rgb(191, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1631, 0.3156, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 188) }
```

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

```
.background{ background-color: rgb(191,  
182, 188) }
```

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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