

Converting Colors

$Yxy(48.5703, 0.3106, 0.3214)$

Have a look what the booklet for
Yxy(48.5703, 0.3106, 0.3214)
contains.

Yxy(48.5635, 0.3106, 0.3214)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.5635, 0.3106, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	BBB8BE
RGB	187, 184, 190
RGB Percent	73%, 72%, 75%
CMY	0.2666, 0.2784, 0.2550
CMYK	0.02, 0.03, 0.00, 0.25
HSL	270°, 4%, 73%
HSV	270°, 3%, 75%
XYZ	46.9316, 48.5635, 55.6048
YIQ	185.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

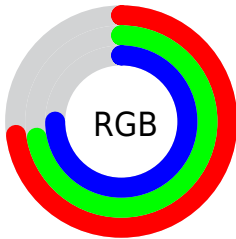
Format	Color
R_{YB}	187, 184, 190
Decimal	12302526
CIE _{Lab}	75.18, 2.18, -2.66
CIE _{LCh}	75, 3.439, 309.401
Yxy	48.5635, 0.3106, 0.3214
Android (android.graphics.Color)	4290492606 (0xFFBBB8BE)
YUV	185.5810, 2.1786, 1.2445
Hunter-Lab	69.6875, -1.7409, 1.4728

Details

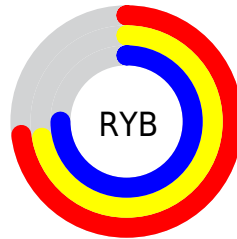
The Yxy color **48.5635, 0.3106, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8389, 0.3148, 0.3366**, and the grayscale version is **48.8466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0287, 0.3110, 0.3230**, and **23.1071, 0.3098, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **40.0509, 0.3031, 0.2959**, and if you desaturate by 10%, it is **58.2175, 0.3169, 0.3448**.

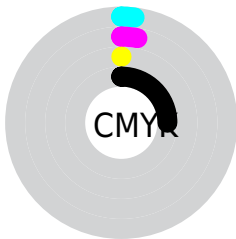
Distribution



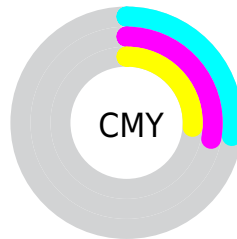
- Red (73%)
- Green (72%)
- Blue (75%)



- Red (73%)
- Yellow (72%)
- Blue (75%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5635, 0.3106, 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 48.5635, 0.3106, 0.3214 by changing the saturation by 10% instead.

■ 48.5635, 0.3106,
0.3214

■ 48.5635, 0.3106,
0.3214

381.0214, 0.3117,
0.3252

■ 34.2733, 0.3103,
0.3205

■ 88.0428, 0.3110,
0.3228

■ 23.1037, 0.3100,
0.3193

114.0008, 0.3111,
0.3233

■ 14.6701, 0.3095,
0.3177

144.6168, 0.3113,
0.3237

■ 8.5882, 0.3089,
0.3155

180.2752, 0.3114,
0.3241

■ 4.4735, 0.3080,
0.3123

221.3605, 0.3115,
0.3244

■ 1.9418, 0.3064,
0.3071

268.2570, 0.3115,

■ 0.5733, 0.3019,

0.3247

0.2893

321.3492, 0.3116,
0.3249

0.0000, 0.0000,
0.0000

48.5635, 0.3106,
0.3214

48.5635, 0.3106,
0.3214

40.0509, 0.3031,
0.2959

58.2175, 0.3169,
0.3448

32.6300, 0.2944,
0.2685

69.0478, 0.3223,
0.3659

26.2567, 0.2844,
0.2397

81.0952, 0.3267,
0.3850

20.8813, 0.2733,
0.2102

91.1709, 0.3311,
0.3974

16.4503, 0.2611,
0.1812

92.7158, 0.3373,
0.3960

■ 12.9044, 0.2483,
0.1540

■ 94.3447, 0.3435,
0.3947

■ 10.1780, 0.2352,
0.1300

■ 96.0588, 0.3498,
0.3933

■ 8.1956, 0.2225,
0.1106

■ 96.4970, 0.3514,
0.3929

■ 6.8666, 0.2108,
0.0966

Harmonies

Analogous

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



48.5635, 0.3064, 0.3210



48.5635, 0.3106, 0.3214



48.5635, 0.3154, 0.3238

Triad

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



48.5635, 0.3106, 0.3214



48.5635, 0.3216, 0.3353



48.5635, 0.3060, 0.3304

Complementary

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



48.5635, 0.3106, 0.3214



50.8389, 0.3148, 0.3366

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.



48.5635, 0.3100, 0.3343



48.5635, 0.3106, 0.3214



48.5635, 0.3191, 0.3371

Square

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



48.5635, 0.3106, 0.3214



48.5635, 0.3218, 0.3318



48.5635, 0.3148, 0.3368



48.5635, 0.3037, 0.3261

Rectangle

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



48.5635, 0.3106, 0.3214



48.5635, 0.3183, 0.3262



48.5635, 0.3148, 0.3368



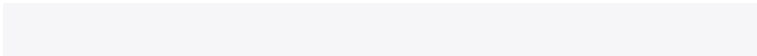
48.5635, 0.3072, 0.3318

Sweetspot

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



48.5656, 0.3106, 0.3214



91.5833, 0.3120, 0.3266



49.4437, 0.3080, 0.3252



20.1297, 0.3121, 0.3267



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.



48.5656, 0.3106, 0.3214



86.5296, 0.3100, 0.3192



48.9421, 0.3131, 0.3215



10.3413, 0.3095, 0.3177



4.1800, 0.2047, 0.0901



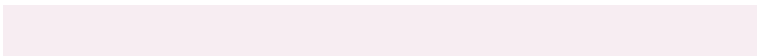
0.2026, 0.2312, 0.1047

Inverse Universe

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



48.8110, 0.3154, 0.3253



87.1019, 0.3163, 0.3242



50.4702, 0.3124, 0.3367



10.4207, 0.3168, 0.3234



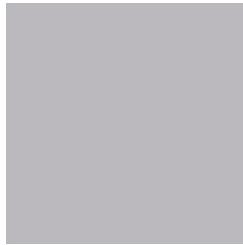
7.8299, 0.4961, 0.2507



0.3199, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 48.5635, 0.3106, 0.3214 looks on a white background.

Color Contrast Check

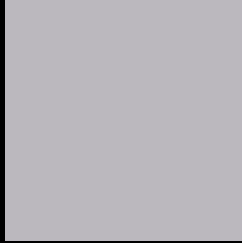
Large Text (above 18pt) WCAG AA × Fail

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 48.5635, 0.3106, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

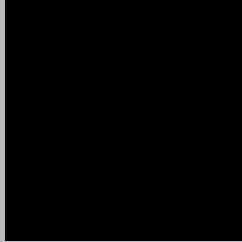
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

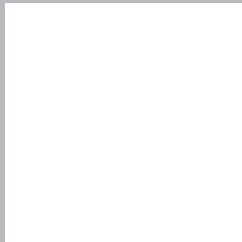
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5635, 0.3106, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 48.5635, 0.3106, 0.3214.



This preview shows how white text looks on a background with the Yxy color 48.5635, 0.3106, 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

48.5635, 0.3106, 0.3214

Protanopia

48.5635, 0.3106, 0.3214

Deuteranopia

48.2811, 0.3212, 0.3143



Tritanopia

48.5896, 0.3060, 0.3114

Trichromacy



Original Color

48.5635, 0.3106, 0.3214

Protanomaly

48.5635, 0.3106, 0.3214

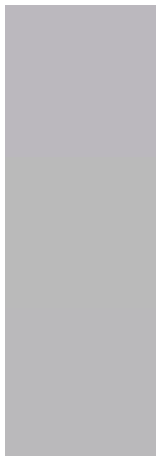
Deuteranomaly

48.4114, 0.3167, 0.3166

Tritanomaly

48.4534, 0.3083, 0.3151

Monochromacy



Original Color

48.5635, 0.3106, 0.3214

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7249, 0.3120, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5635, 0.3106, 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(187, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 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(187, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.5635, 0.3106, 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(187, 184, 190) }
```

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

```
.border{ border-color:rgb(187, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5635, 0.3106, 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(187, 184, 190) }
```

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

```
.background{ background-color: rgb(187,  
184, 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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