

Converting Colors

Yxy(46.5427, 0.3173, 0.3203)

Have a look what the booklet for
Yxy(46.5427, 0.3173, 0.3203)
contains.

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Color

Yxy(46.6901, 0.3174, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	BEB3B9
RGB	190, 179, 185
RGB Percent	75%, 70%, 73%
CMY	0.2549, 0.2980, 0.2746
CMYK	0.00, 0.06, 0.03, 0.25
HSL	327°, 8%, 72%
HSV	327°, 6%, 75%
XYZ	46.1090, 46.6901, 52.4719
YIQ	182.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

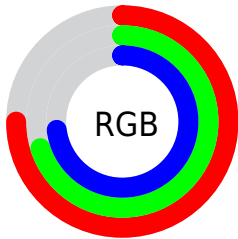
Format	Color
RYB	190, 179, 185
Decimal	12497849
CIELab	73.99, 4.98, -1.65
CIElCh	74, 5.245, 341.721
Yxy	46.6901, 0.3174, 0.3214
Android (android.graphics.Color)	4290687929 (0xFFBEB3B9)
YUV	182.9730, 0.9993, 6.1627
Hunter-Lab	68.3302, 0.8736, 2.3013

Details

The Yxy color **46.6901, 0.3174, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8692, 0.3083, 0.3367**, and the grayscale version is **47.3308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3604, 0.3163, 0.3230**, and **21.9060, 0.3192, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **39.2386, 0.3268, 0.3077**, and if you desaturate by 10%, it is **55.2172, 0.3096, 0.3344**.

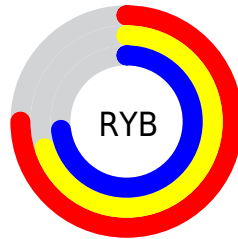
Distribution



Red (75%)

Green (70%)

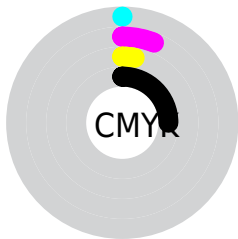
Blue (73%)



Red (75%)

Yellow (70%)

Blue (73%)

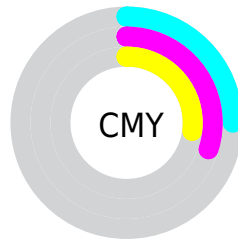


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6901, 0.3174, 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 46.6901, 0.3174, 0.3214 by changing the saturation by 10% instead.

■ 46.6901, 0.3174,
0.3214

■ 46.6901, 0.3174,
0.3214

373.5762, 0.3151,
0.3252

■ 32.7907, 0.3180,
0.3205

■ 85.2509, 0.3166,
0.3228

■ 21.9662, 0.3187,
0.3193

110.6810, 0.3162,
0.3233

■ 13.8321, 0.3197,
0.3177

140.7236, 0.3160,
0.3237

■ 8.0039, 0.3211,
0.3154

175.7630, 0.3157,
0.3241

■ 4.0975, 0.3231,
0.3121

216.1835, 0.3155,
0.3244

■ 1.7282, 0.3265,
0.3067

262.3696, 0.3154,

■ 0.4418, 0.3429,

0.3247

0.2797

314.7057, 0.3152,
0.3250

0.0000, 0.0000,
0.0000

46.6901, 0.3174,
0.3214

46.6901, 0.3174,
0.3214

39.2386, 0.3268,
0.3077

55.2172, 0.3096,
0.3344

32.8137, 0.3380,
0.2934

64.8544, 0.3031,
0.3465

27.3713, 0.3512,
0.2790

75.6423, 0.2978,
0.3576

22.8621, 0.3667,
0.2651

87.6136, 0.2933,
0.3679

19.2322, 0.3844,
0.2526

88.0835, 0.2888,
0.3581

■ 16.4223, 0.4041,
0.2425

■ 88.5775, 0.2843,
0.3484

■ 14.3656, 0.4253,
0.2361

■ 89.0959, 0.2799,
0.3389

■ 12.9846, 0.4471,
0.2345

■ 89.6391, 0.2756,
0.3297

■ 12.1824, 0.4686,
0.2381

■ 89.6860, 0.2752,
0.3289

Harmonies

Analogous

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



46.6901, 0.3100, 0.3175



46.6901, 0.3174, 0.3214



46.6901, 0.3236, 0.3273

Triad

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



46.6901, 0.3174, 0.3214



46.6901, 0.3221, 0.3417



46.6901, 0.2988, 0.3240

Complementary

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



46.6901, 0.3174, 0.3214



49.8692, 0.3083, 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.



46.6901, 0.3019, 0.3306



46.6901, 0.3174, 0.3214



46.6901, 0.3153, 0.3409

Square

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



46.6901, 0.3174, 0.3214



46.6901, 0.3263, 0.3390



46.6901, 0.3080, 0.3368



46.6901, 0.2993, 0.3189

Rectangle

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



46.6901, 0.3174, 0.3214



46.6901, 0.3262, 0.3316



46.6901, 0.3080, 0.3368



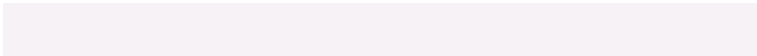
46.6901, 0.2994, 0.3262

Sweetspot

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



46.6921, 0.3174, 0.3214



90.1807, 0.3143, 0.3264



46.1456, 0.3082, 0.3149



19.8367, 0.3142, 0.3265



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.



46.6921, 0.3174, 0.3214



82.7103, 0.3186, 0.3196



46.4673, 0.3218, 0.3283



9.9364, 0.3189, 0.3191



7.9516, 0.4750, 0.2390



0.3245, 0.4285, 0.2134

Inverse Universe

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



46.6921, 0.3174, 0.3214



82.7103, 0.3186, 0.3196



50.1012, 0.3043, 0.3297



9.9364, 0.3189, 0.3191



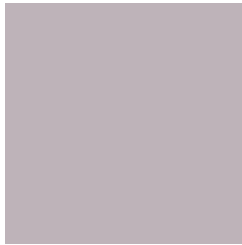
7.9516, 0.4750, 0.2390



0.3245, 0.4285, 0.2134

Previews

White Background



This preview shows how the Yxy color 46.6901, 0.3174, 0.3214 looks on a white background.

Color Contrast Check

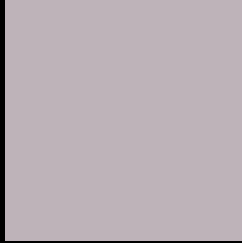
Large Text (above 18pt) WCAG AA × Fail

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 46.6901, 0.3174, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

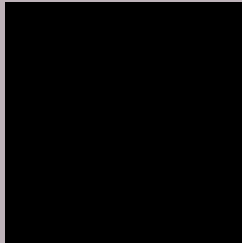
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

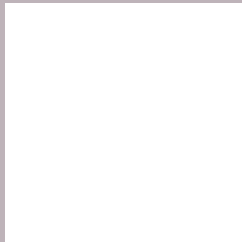
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6901, 0.3174, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 46.6901, 0.3174, 0.3214.



This preview shows how white text looks on a background with the Yxy color 46.6901, 0.3174, 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

46.6901, 0.3174, 0.3214

Protanopia

46.7833, 0.3113, 0.3226

Deuteranopia

46.6016, 0.3239, 0.3166



Tritanopia

46.7229, 0.3127, 0.3114

Trichromacy



Original Color

46.6901, 0.3174, 0.3214

Protanomaly

46.6268, 0.3131, 0.3213

Deuteranomaly

46.5916, 0.3211, 0.3177

Tritanomaly

46.5913, 0.3151, 0.3151

Monochromacy



Original Color

46.6901, 0.3174, 0.3214

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3557, 0.3145, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6901, 0.3174, 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(190, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 179, 185)  
}
```

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(190, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 179, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.6901, 0.3174, 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(190, 179, 185) }
```

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

```
.border{ border-color:rgb(190, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 179,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6901, 0.3174, 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(190, 179, 185) }
```

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

```
.background{ background-color: rgb(190,  
179, 185) }
```

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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