

Converting Colors

$Yxy(46.6247, 0.3030, 0.3134)$

Have a look what the booklet for
Yxy(46.6247, 0.3030, 0.3134)
contains.

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Color

Yxy(46.7218, 0.3034, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	B5B5C1
RGB	181, 181, 193
RGB Percent	71%, 71%, 76%
CMY	0.2900, 0.2903, 0.2431
CMYK	0.06, 0.06, 0.00, 0.24
HSL	240°, 9%, 73%
HSV	240°, 6%, 76%
XYZ	45.2166, 46.7218, 57.0945
YIQ	182.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

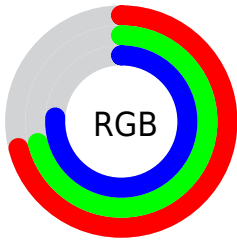
Format	Color
RYB	181, 181, 193
Decimal	11908545
CIELab	74.01, 2.34, -6.09
CIELCh	74, 6.521, 291.045
Yxy	46.7218, 0.3034, 0.3135
Android (android.graphics.Color)	4290098625 (0xFFB5B5C1)
YUV	182.3680, 5.2416, -1.1997
Hunter-Lab	68.3533, -1.5384, -1.6767

Details

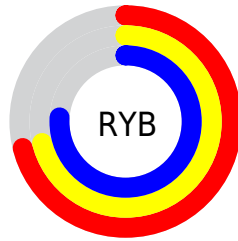
The Yxy color **46.7218, 0.3034, 0.3135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8115, 0.3218, 0.3440**, and the grayscale version is **46.9681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4125, 0.3054, 0.3169**, and **21.9210, 0.3000, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **37.2486, 0.2868, 0.2859**, and if you desaturate by 10%, it is **57.6057, 0.3180, 0.3377**.

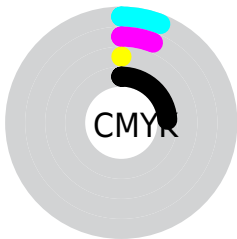
Distribution



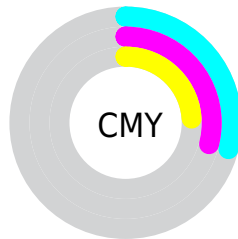
- Red (71%)
- Green (71%)
- Blue (76%)



- Red (71%)
- Yellow (71%)
- Blue (76%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7218, 0.3034, 0.3135 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 46.7218, 0.3034, 0.3135 by changing the saturation by 10% instead.

■ 46.7218, 0.3034,
0.3135

■ 46.7218, 0.3034,
0.3135

373.7030, 0.3081,
0.3212

■ 32.8158, 0.3022,
0.3116

■ 85.2982, 0.3051,
0.3163

■ 21.9854, 0.3007,
0.3091

110.7374, 0.3057,
0.3173

■ 13.8461, 0.2987,
0.3059

140.7897, 0.3063,
0.3182

■ 8.0137, 0.2959,
0.3014

175.8397, 0.3067,
0.3190

■ 4.1037, 0.2917,
0.2947

216.2716, 0.3071,
0.3197

■ 1.7318, 0.2847,
0.2839

262.4698, 0.3075,

■ 0.4441, 0.2616,

0.3202

0.2424

314.8188, 0.3078,
0.3208

0.0000, 0.0000,
0.0000

46.7218, 0.3034,
0.3135

46.7218, 0.3034,
0.3135

37.2486, 0.2868,
0.2859

57.6057, 0.3180,
0.3377

29.1228, 0.2682,
0.2550

69.9486, 0.3306,
0.3588

22.2851, 0.2479,
0.2213

83.8036, 0.3415,
0.3769

16.6693, 0.2266,
0.1861

96.6309, 0.3496,
0.3899

12.2035, 0.2055,
0.1512

■ 8.8082, 0.1861,
0.1190

■ 6.3938, 0.1699,
0.0924

■ 4.8563, 0.1583,
0.0734

■ 4.0629, 0.1519,
0.0629

Harmonies

Analogous

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



46.7218, 0.2972, 0.3151



46.7218, 0.3034, 0.3135



46.7218, 0.3122, 0.3159

Triad

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



46.7218, 0.3034, 0.3135



46.7218, 0.3307, 0.3371



46.7218, 0.3042, 0.3365

Complementary

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



46.7218, 0.3034, 0.3135



52.8115, 0.3218, 0.3440

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.



46.7218, 0.3131, 0.3426



46.7218, 0.3034, 0.3135



46.7218, 0.3284, 0.3428

Square

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



46.7218, 0.3034, 0.3135



46.7218, 0.3280, 0.3294



46.7218, 0.3220, 0.3449



46.7218, 0.2977, 0.3284

Rectangle

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



46.7218, 0.3034, 0.3135



46.7218, 0.3183, 0.3194



46.7218, 0.3220, 0.3449



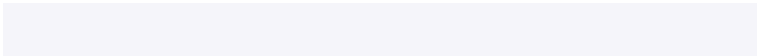
46.7218, 0.3070, 0.3389

Sweetspot

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



46.7238, 0.3034, 0.3135



91.5416, 0.3098, 0.3241



51.8190, 0.3032, 0.3290



19.6811, 0.3099, 0.3243



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.



46.7238, 0.3034, 0.3135



82.0800, 0.3020, 0.3112



47.4578, 0.3084, 0.3137



10.1641, 0.3014, 0.3102



2.5671, 0.1502, 0.0601



0.1119, 0.1510, 0.0606

Inverse Universe

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



48.2291, 0.3135, 0.3141



85.1375, 0.3136, 0.3120



52.0465, 0.3169, 0.3443



10.5657, 0.3136, 0.3110



10.0680, 0.3224, 0.1550



0.4353, 0.3220, 0.1548

Previews

White Background



This preview shows how the Yxy color 46.7218, 0.3034, 0.3135 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 46.7218, 0.3034, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

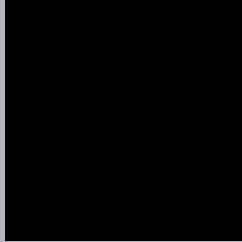
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

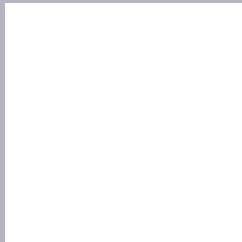
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7218, 0.3034, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 46.7218, 0.3034, 0.3135.

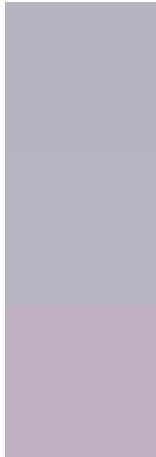


This preview shows how white text looks on a background with the Yxy color 46.7218, 0.3034, 0.3135.

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

46.7218, 0.3034, 0.3135

Protanopia

46.8431, 0.3042, 0.3136

Deuteranopia

46.8087, 0.3137, 0.3078



Tritanopia

46.8116, 0.3018, 0.3110

Trichromacy



Original Color

46.7218, 0.3034, 0.3135

Protanomaly

46.8431, 0.3042, 0.3136

Deuteranomaly

46.5546, 0.3094, 0.3088

Tritanomaly

46.7665, 0.3026, 0.3123

Monochromacy



Original Color

46.7218, 0.3034, 0.3135

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9462, 0.3096, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7218, 0.3034, 0.3135 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(181, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 193)  
}
```

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(181, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 193) }
```

Border

The CSS property to change the border of an element to Yxy 46.7218, 0.3034, 0.3135 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(181, 181, 193) }
```

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

```
.border{ border-color:rgb(181, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7218, 0.3034, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 193) }
```

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

```
.background{ background-color: rgb(181,  
181, 193) }
```

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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