

Converting Colors

$Yxy(45.9541, 0.3040, 0.3197)$

Have a look what the booklet for
Yxy(45.9541, 0.3040, 0.3197)
contains.

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Color

Yxy(46.0257, 0.3039, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	B1B5BC
RGB	177, 181, 188
RGB Percent	69%, 71%, 74%
CMY	0.3058, 0.2902, 0.2627
CMYK	0.06, 0.04, 0.00, 0.26
HSL	218°, 8%, 72%
HSV	218°, 6%, 74%
XYZ	43.7374, 46.0257, 54.1572
YIQ	180.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

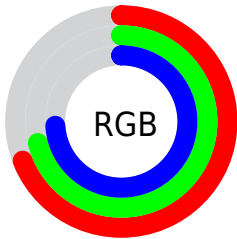
Format	Color
RYB	177, 180, 188
Decimal	11646396
CIELab	73.56, -0.03, -4.05
CIELCh	74, 4.046, 269.638
Yxy	46.0257, 0.3039, 0.3198
Android (android.graphics.Color)	4289836476 (0xFFB1B5BC)
YUV	180.6020, 3.6472, -3.1590
Hunter-Lab	67.8422, -3.6464, 0.1595

Details

The Yxy color **46.0257, 0.3039, 0.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1639, 0.3216, 0.3380**, and the grayscale version is **45.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4237, 0.3058, 0.3219**, and **21.4727, 0.3006, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **39.2958, 0.2880, 0.3025**, and if you desaturate by 10%, it is **53.4844, 0.3188, 0.3352**.

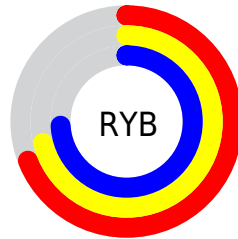
Distribution



Red (69%)

Green (71%)

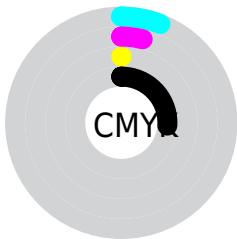
Blue (74%)



Red (69%)

Yellow (71%)

Blue (74%)

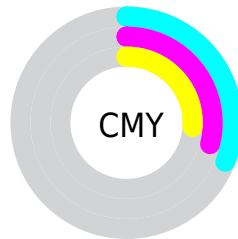


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0257, 0.3039, 0.3198 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 46.0257, 0.3039, 0.3198 by changing the saturation by 10% instead.

■ 46.0257, 0.3039,
0.3198

■ 46.0257, 0.3039,
0.3198

370.9120, 0.3083,
0.3244

■ 32.2661, 0.3028,
0.3186

■ 84.2575, 0.3055,
0.3215

■ 21.5648, 0.3014,
0.3172

109.4984, 0.3061,
0.3221

■ 13.5375, 0.2995,
0.3152

139.3353, 0.3066,
0.3226

■ 7.7997, 0.2968,
0.3124

174.1524, 0.3071,
0.3231

■ 3.9670, 0.2928,
0.3082

214.3343, 0.3074,
0.3235

■ 1.6551, 0.2862,
0.3013

260.2652, 0.3078,

■ 0.3944, 0.2527,

0.3238

0.2663

312.3297, 0.3081,
0.3241

0.0000, 0.0000,
0.0000

46.0257, 0.3039,
0.3198

46.0257, 0.3039,
0.3198

39.2958, 0.2880,
0.3025

53.4844, 0.3188,
0.3352

33.2660, 0.2712,
0.2833

61.6878, 0.3325,
0.3487

27.9139, 0.2539,
0.2621

70.6588, 0.3452,
0.3606

23.2140, 0.2363,
0.2394

80.4174, 0.3567,
0.3710

19.1387, 0.2192,
0.2154

87.8145, 0.3559,
0.3821

■ 15.6584, 0.2032,
0.1908

■ 95.1586, 0.3530,
0.3931

■ 12.7406, 0.1890,
0.1666

■ 96.4110, 0.3526,
0.3949

■ 10.3488, 0.1772,
0.1437

■ 8.4400, 0.1685,
0.1230

Harmonies

Analogous

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



46.0257, 0.3018, 0.3226



46.0257, 0.3039, 0.3198



46.0257, 0.3084, 0.3195

Triad

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



46.0257, 0.3039, 0.3198



46.0257, 0.3230, 0.3307



46.0257, 0.3113, 0.3366

Complementary

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



46.0257, 0.3039, 0.3198



48.1639, 0.3216, 0.3380

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.



46.0257, 0.3170, 0.3388



46.0257, 0.3039, 0.3198



46.0257, 0.3238, 0.3353

Square

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



46.0257, 0.3039, 0.3198



46.0257, 0.3194, 0.3257



46.0257, 0.3216, 0.3383



46.0257, 0.3060, 0.3323

Rectangle

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



46.0257, 0.3039, 0.3198



46.0257, 0.3121, 0.3207



46.0257, 0.3216, 0.3383



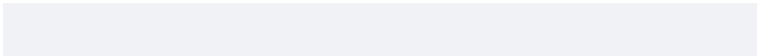
46.0257, 0.3132, 0.3376

Sweetspot

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



46.0277, 0.3039, 0.3198



88.3990, 0.3097, 0.3259



48.7786, 0.3068, 0.3342



19.0398, 0.3098, 0.3260



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.0277, 0.3039, 0.3198



81.7841, 0.3019, 0.3177



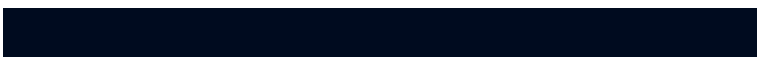
44.6102, 0.3052, 0.3146



10.0645, 0.3013, 0.3171



5.4126, 0.1660, 0.1174



0.3376, 0.1799, 0.1675

Inverse Universe

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



45.4837, 0.3191, 0.3239



80.6110, 0.3206, 0.3228



49.6506, 0.3200, 0.3431



9.9128, 0.3210, 0.3224



7.5761, 0.5503, 0.2805



0.3094, 0.4837, 0.2438

Previews

White Background



This preview shows how the Yxy color 46.0257, 0.3039, 0.3198 looks on a white background.

Color Contrast Check

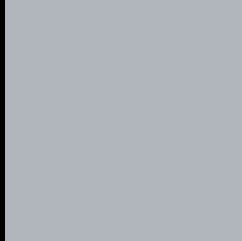
Large Text (above 18pt) WCAG AA × Fail

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 46.0257, 0.3039, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

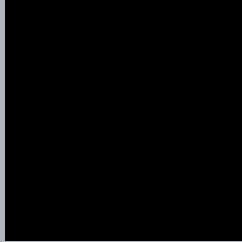
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

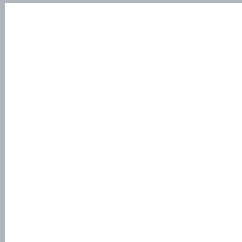
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0257, 0.3039, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 46.0257, 0.3039, 0.3198.



This preview shows how white text looks on a background with the Yxy color 46.0257, 0.3039, 0.3198.

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

46.0257, 0.3039, 0.3198

Protanopia

46.1755, 0.3089, 0.3199

Deuteranopia

45.8034, 0.3179, 0.3114



Tritanopia

46.0025, 0.3001, 0.3108

Trichromacy



Original Color

46.0257, 0.3039, 0.3198

Protanomaly

45.9337, 0.3072, 0.3199

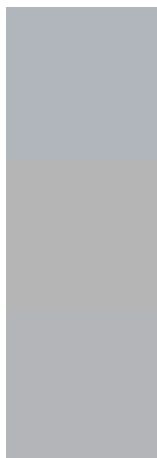
Deuteranomaly

45.8098, 0.3126, 0.3137

Tritanomaly

45.9133, 0.3017, 0.3134

Monochromacy



Original Color

46.0257, 0.3039, 0.3198

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2117, 0.3095, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0257, 0.3039, 0.3198 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(177, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 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(177, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 188) }
```

Border

The CSS property to change the border of an element to Yxy 46.0257, 0.3039, 0.3198 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(177, 181, 188) }
```

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

```
.border{ border-color:rgb(177, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(177, 181,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0257, 0.3039, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 188) }
```

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

```
.background{ background-color: rgb(177,  
181, 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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