

Converting Colors

$Yxy(50.5908, 0.3018, 0.3226)$

Have a look what the booklet for
Yxy(50.5908, 0.3018, 0.3226)
contains.

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Color

Yxy(50.5908, 0.3018, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	B5BEC3
RGB	181, 190, 195
RGB Percent	71%, 75%, 76%
CMY	0.2900, 0.2549, 0.2353
CMYK	0.07, 0.03, 0.00, 0.24
HSL	202°, 10%, 74%
HSV	202°, 7%, 76%
XYZ	47.3289, 50.5908, 58.9024
YIQ	187.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

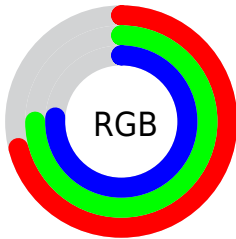
Format	Color
R _Y B	181, 186, 195
Decimal	11910851
CIE Lab	76.43, -2.10, -3.60
CIE LCh	76, 4.167, 239.748
Yxy	50.5908, 0.3018, 0.3226
Android (android.graphics.Color)	4290100931 (0xFFB5BEC3)
YUV	187.8790, 3.5107, -6.0329
Hunter-Lab	71.1272, -5.6966, 0.6894

Details

The Yxy color **50.5908, 0.3018, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0870, 0.3242, 0.3353**, and the grayscale version is **50.2051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9443, 0.3035, 0.3230**, and **24.4036, 0.2990, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **45.4341, 0.2864, 0.3128**, and if you desaturate by 10%, it is **56.2278, 0.3170, 0.3314**.

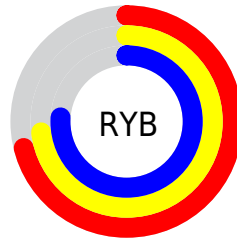
Distribution



Red (71%)

Green (75%)

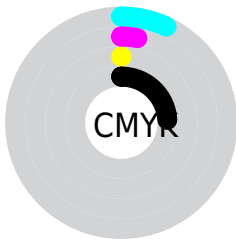
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

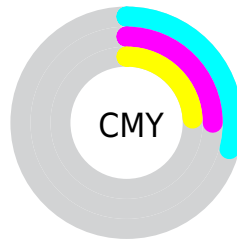


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5908, 0.3018, 0.3226 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 50.5908, 0.3018, 0.3226 by changing the saturation by 10% instead.

■ 50.5908, 0.3018,
0.3226

■ 50.5908, 0.3018,
0.3226

388.9719, 0.3072,
0.3258

■ 35.8831, 0.3005,
0.3218

■ 91.0496, 0.3037,
0.3238

■ 24.3439, 0.2988,
0.3208

117.5695, 0.3045,
0.3242

■ 15.5889, 0.2966,
0.3195

148.7955, 0.3051,
0.3246

■ 9.2337, 0.2936,
0.3176

185.1121, 0.3056,
0.3249

■ 4.8940, 0.2891,
0.3149

226.9036, 0.3061,
0.3251

■ 2.1852, 0.2820,
0.3104

274.5545, 0.3065,

■ 0.7119, 0.2644,

0.3254

0.3010

328.4491, 0.3069,
0.3256

0.0000, 0.0000,
0.0000

50.5908, 0.3018,
0.3226

50.5908, 0.3018,
0.3226

45.4341, 0.2864,
0.3128

56.2278, 0.3170,
0.3314

40.7356, 0.2709,
0.3021

62.3534, 0.3318,
0.3393

36.4807, 0.2559,
0.2905

68.9840, 0.3460,
0.3463

32.6518, 0.2415,
0.2780

75.3560, 0.3564,
0.3526

29.2294, 0.2282,
0.2649

79.0688, 0.3549,
0.3596

■ 26.1923, 0.2163,
0.2513

■ 82.9372, 0.3533,
0.3665

■ 23.5169, 0.2063,
0.2374

■ 86.9631, 0.3518,
0.3732

■ 21.1759, 0.1982,
0.2237

■ 91.1480, 0.3503,
0.3798

■ 19.1321, 0.1922,
0.2102

■ 95.4939, 0.3488,
0.3862

Harmonies

Analogous

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



50.5908, 0.3026, 0.3272



50.5908, 0.3018, 0.3226



50.5908, 0.3039, 0.3198

Triad

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



50.5908, 0.3018, 0.3226



50.5908, 0.3194, 0.3258



50.5908, 0.3170, 0.3387

Complementary

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



50.5908, 0.3018, 0.3226



50.0870, 0.3242, 0.3353

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.



50.5908, 0.3216, 0.3383



50.5908, 0.3018, 0.3226



50.5908, 0.3230, 0.3307

Square

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



50.5908, 0.3018, 0.3226



50.5908, 0.3141, 0.3217



50.5908, 0.3238, 0.3353



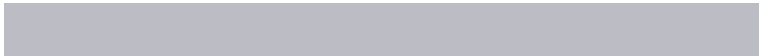
50.5908, 0.3113, 0.3366

Rectangle

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



50.5908, 0.3018, 0.3226



50.5908, 0.3067, 0.3193



50.5908, 0.3238, 0.3353



50.5908, 0.3187, 0.3389

Sweetspot

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



50.5929, 0.3018, 0.3226



95.6707, 0.3096, 0.3272



52.4048, 0.3083, 0.3406



20.9730, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



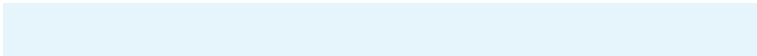
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5929, 0.3018, 0.3226



88.7075, 0.2987, 0.3207



47.6971, 0.3019, 0.3138



10.7997, 0.2984, 0.3205



12.2436, 0.1912, 0.2082



0.6557, 0.1995, 0.2382

Inverse Universe

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



48.3888, 0.3175, 0.3179



83.7717, 0.3190, 0.3147



53.0421, 0.3234, 0.3438



10.1841, 0.3191, 0.3144



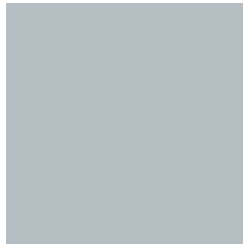
8.5182, 0.4361, 0.2176



0.3808, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 50.5908, 0.3018, 0.3226 looks on a white background.

Color Contrast Check

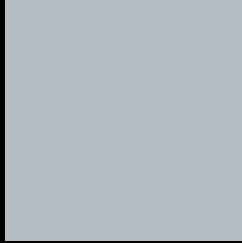
Large Text (above 18pt) WCAG AA × Fail

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 50.5908, 0.3018, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

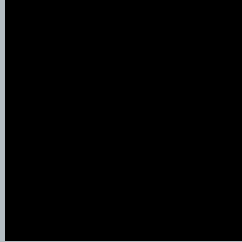
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

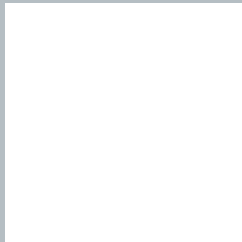
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5908, 0.3018, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 50.5908, 0.3018, 0.3226.



This preview shows how white text looks on a background with the Yxy color 50.5908, 0.3018, 0.3226.

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

50.5908, 0.3018, 0.3226

Protanopia

50.3381, 0.3106, 0.3215

Deuteranopia

50.5490, 0.3194, 0.3133



Tritanopia

50.6999, 0.2960, 0.3102

Trichromacy



Original Color

50.5908, 0.3018, 0.3226

Protanomaly

50.4263, 0.3073, 0.3214

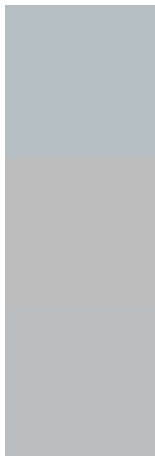
Deuteranomaly

50.7054, 0.3125, 0.3167

Tritanomaly

50.5573, 0.2982, 0.3139

Monochromacy



Original Color

50.5908, 0.3018, 0.3226

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4711, 0.3079, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5908, 0.3018, 0.3226 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, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 195)  
}
```

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, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.5908, 0.3018, 0.3226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

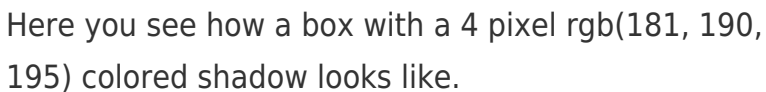
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 190, 195) }
```

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

```
.border{ border-color:rgb(181, 190, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 190, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 190, 195); box-shadow:4px 4px 4px 4px rgb(181, 190, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5908, 0.3018, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 195) }
```

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

```
.background{ background-color: rgb(181,  
190, 195) }
```

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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