

Converting Colors

$Yxy(51.8070, 0.3026, 0.3201)$

Have a look what the booklet for
Yxy(51.8070, 0.3026, 0.3201)
contains.

Yxy(51.6531, 0.3027, 0.3202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.6531, 0.3027, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	B9BFC6
RGB	185, 191, 198
RGB Percent	73%, 75%, 78%
CMY	0.2746, 0.2510, 0.2235
CMYK	0.07, 0.04, 0.00, 0.22
HSL	212°, 10%, 75%
HSV	212°, 7%, 78%
XYZ	48.8301, 51.6531, 60.8319
YIQ	190.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

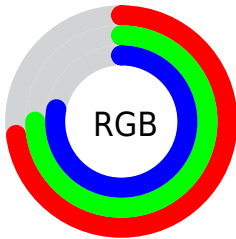
Format	Color
RYB	185, 189, 198
Decimal	12173254
CIELab	77.07, -0.72, -4.25
CIElCh	77, 4.313, 260.362
Yxy	51.6531, 0.3027, 0.3202
Android (android.graphics.Color)	4290363334 (0xFFB9BFC6)
YUV	190.0040, 3.9420, -4.3885
Hunter-Lab	71.8701, -4.4959, 0.1251

Details

The Yxy color **51.6531, 0.3027, 0.3202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2077, 0.3230, 0.3376**, and the grayscale version is **51.4748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4423, 0.3043, 0.3211**, and **25.0961, 0.3003, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **44.8832, 0.2869, 0.3055**, and if you desaturate by 10%, it is **59.1082, 0.3178, 0.3333**.

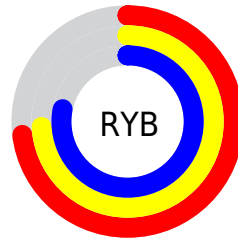
Distribution



Red (73%)

Green (75%)

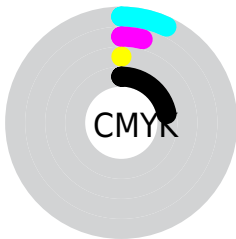
Blue (78%)



Red (73%)

Yellow (74%)

Blue (78%)

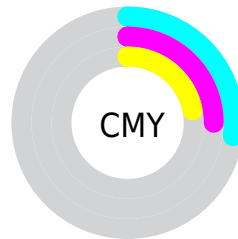


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6531, 0.3027, 0.3202 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 51.6531, 0.3027, 0.3202 by changing the saturation by 10% instead.

■ 51.6531, 0.3027,
0.3202

■ 51.6531, 0.3027,
0.3202

■ 393.0959, 0.3076,
0.3245

■ 36.7286, 0.3015,
0.3191

■ 92.6194, 0.3045,
0.3218

■ 24.9975, 0.3000,
0.3178

■ 119.4301, 0.3051,
0.3224

■ 16.0752, 0.2980,
0.3160

■ 150.9716, 0.3057,
0.3229

■ 9.5774, 0.2952,
0.3135

■ 187.6284, 0.3062,
0.3233

■ 5.1196, 0.2912,
0.3100

■ 229.7848, 0.3066,
0.3237

■ 2.3176, 0.2848,
0.3042

■ 277.8253, 0.3070,

■ 0.7830, 0.2720,

0.3240

0.2931

332.1342, 0.3073,
0.3243

0.0000, 0.0000,
0.0000

51.6531, 0.3027,
0.3202

51.6531, 0.3027,
0.3202

44.8832, 0.2869,
0.3055

59.1082, 0.3178,
0.3333

38.7709, 0.2705,
0.2893

67.2623, 0.3320,
0.3449

33.2958, 0.2539,
0.2714

76.1368, 0.3453,
0.3551

28.4340, 0.2375,
0.2523

83.9647, 0.3509,
0.3649

24.1599, 0.2217,
0.2320

90.2002, 0.3487,
0.3751

■ 20.4458, 0.2071,
0.2112

■ 96.8063, 0.3466,
0.3849

■ 17.2608, 0.1944,
0.1902

■ 96.8580, 0.3466,
0.3850

■ 14.5704, 0.1839,
0.1699

■ 12.3313, 0.1759,
0.1508

Harmonies

Analogous

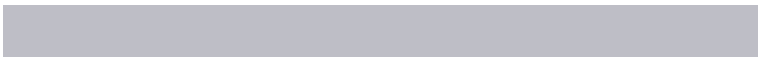
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6531, 0.3014, 0.3237



51.6531, 0.3027, 0.3202



51.6531, 0.3067, 0.3190

Triad

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



51.6531, 0.3027, 0.3202



51.6531, 0.3224, 0.3292



51.6531, 0.3131, 0.3377

Complementary

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



51.6531, 0.3027, 0.3202



53.2077, 0.3230, 0.3376

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.



51.6531, 0.3188, 0.3392



51.6531, 0.3027, 0.3202



51.6531, 0.3242, 0.3341

Square

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



51.6531, 0.3027, 0.3202



51.6531, 0.3180, 0.3242



51.6531, 0.3228, 0.3378



51.6531, 0.3074, 0.3339

Rectangle

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



51.6531, 0.3027, 0.3202



51.6531, 0.3103, 0.3197



51.6531, 0.3228, 0.3378



51.6531, 0.3151, 0.3385

Sweetspot

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



51.6553, 0.3027, 0.3202



97.3076, 0.3097, 0.3264



54.5114, 0.3069, 0.3366



20.8561, 0.3098, 0.3265



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.



51.6553, 0.3027, 0.3202



89.5313, 0.3003, 0.3180



49.1367, 0.3031, 0.3126



11.0817, 0.2983, 0.3162



7.7394, 0.1742, 0.1470



0.5110, 0.1852, 0.1869

Inverse Universe

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



50.4621, 0.3189, 0.3216



86.9811, 0.3205, 0.3198



55.8472, 0.3220, 0.3449



10.7171, 0.3219, 0.3184



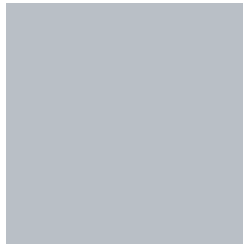
8.3213, 0.5099, 0.2583



0.4086, 0.4604, 0.2310

Previews

White Background



This preview shows how the Yxy color 51.6531, 0.3027, 0.3202 looks on a white background.

Color Contrast Check

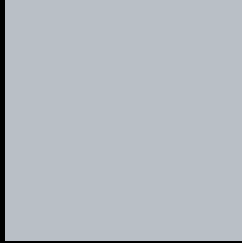
Large Text (above 18pt) WCAG AA × Fail

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 51.6531, 0.3027, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

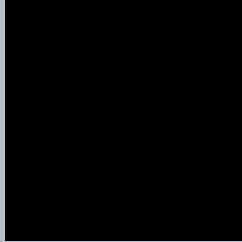
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

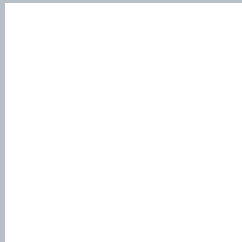
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6531, 0.3027, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 51.6531, 0.3027, 0.3202.



This preview shows how white text looks on a background with the Yxy color 51.6531, 0.3027, 0.3202.

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

51.6531, 0.3027, 0.3202

Protanopia

51.6329, 0.3091, 0.3191

Deuteranopia

51.2419, 0.3177, 0.3110



Tritanopia

51.6738, 0.2984, 0.3104

Trichromacy



Original Color

51.6531, 0.3027, 0.3202

Protanomaly

51.6769, 0.3067, 0.3203

Deuteranomaly

51.5345, 0.3118, 0.3144

Tritanomaly

51.5303, 0.3006, 0.3141

Monochromacy



Original Color

51.6531, 0.3027, 0.3202

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3685, 0.3088, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6531, 0.3027, 0.3202 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(185, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 198)  
}
```

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(185, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.6531, 0.3027, 0.3202 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(185, 191, 198) }
```

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

```
.border{ border-color:rgb(185, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 191,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6531, 0.3027, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 198) }
```

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

```
.background{ background-color: rgb(185,  
191, 198) }
```

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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