

Converting Colors

Yxy(51.6396, 0.3115, 0.3302)

Have a look what the booklet for
Yxy(51.6396, 0.3115, 0.3302)
contains.

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Color

Yxy(51.6707, 0.3110, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	BCBFBE
RGB	188, 191, 190
RGB Percent	74%, 75%, 75%
CMY	0.2630, 0.2509, 0.2550
CMYK	0.02, 0.00, 0.01, 0.25
HSL	160°, 2%, 74%
HSV	160°, 2%, 75%
XYZ	48.6515, 51.6707, 56.1135
YIQ	189.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

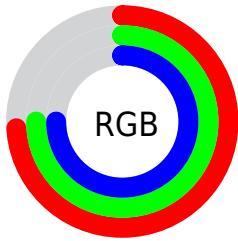
Format	Color
RYB	188, 190, 191
Decimal	12369854
CIELab	77.08, -1.26, 0.14
CIELCh	77, 1.264, 173.641
Yxy	51.6707, 0.3110, 0.3303
Android (android.graphics.Color)	4290559934 (0xFFBCBFBE)
YUV	189.9890, 0.0054, -1.7444
Hunter-Lab	71.8823, -4.9815, 4.0341

Details

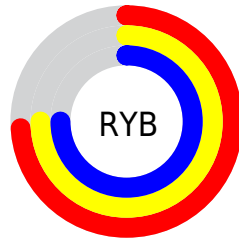
The Yxy color **51.6707, 0.3110, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6943, 0.3145, 0.3277**, and the grayscale version is **51.4824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4084, 0.3114, 0.3300**, and **25.1340, 0.3105, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **49.1302, 0.3005, 0.3389**, and if you desaturate by 10%, it is **54.5493, 0.3217, 0.3226**.

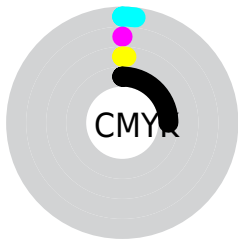
Distribution



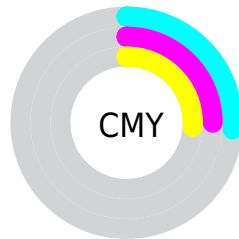
- Red (74%)
- Green (75%)
- Blue (75%)



- Red (74%)
- Yellow (75%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6707, 0.3110, 0.3303 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 51.6707, 0.3110, 0.3303 by changing the saturation by 10% instead.

■ 51.6707, 0.3110,
0.3303

■ 51.6707, 0.3110,
0.3303

393.1640, 0.3118,
0.3297

■ 36.7427, 0.3108,
0.3305

■ 92.6454, 0.3113,
0.3301

■ 25.0083, 0.3105,
0.3306

119.4609, 0.3114,
0.3300

■ 16.0832, 0.3102,
0.3309

151.0076, 0.3115,
0.3299

■ 9.5831, 0.3097,
0.3313

187.6700, 0.3116,
0.3299

■ 5.1234, 0.3090,
0.3318

229.8324, 0.3117,
0.3298

■ 2.3199, 0.3079,
0.3326

277.8793, 0.3117,

■ 0.7842, 0.3050,

0.3298

0.3347

332.1950, 0.3118,
0.3297

0.0000, 0.0000,
0.0000

51.6707, 0.3110,
0.3303

51.6707, 0.3110,
0.3303

49.1302, 0.3005,
0.3389

54.5493, 0.3217,
0.3226

46.9083, 0.2905,
0.3484

57.7712, 0.3324,
0.3158

44.9938, 0.2811,
0.3588

61.3500, 0.3429,
0.3097

43.3723, 0.2727,
0.3700

63.4798, 0.3457,
0.3037

42.0280, 0.2657,
0.3819

63.8199, 0.3405,
0.2973

■ 40.9438, 0.2602,
0.3944

■ 64.1733, 0.3354,
0.2910

■ 40.1005, 0.2565,
0.4072

■ 64.5401, 0.3304,
0.2847

■ 39.4763, 0.2549,
0.4202

■ 64.9205, 0.3255,
0.2786

■ 39.0451, 0.2552,
0.4330

■ 65.3145, 0.3207,
0.2726

Harmonies

Analogous

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



51.6707, 0.3127, 0.3315



51.6707, 0.3110, 0.3303



51.6707, 0.3098, 0.3288

Triad

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



51.6707, 0.3110, 0.3303



51.6707, 0.3111, 0.3261



51.6707, 0.3161, 0.3307

Complementary

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



51.6707, 0.3110, 0.3303



50.6943, 0.3145, 0.3277

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.



51.6707, 0.3157, 0.3292



51.6707, 0.3110, 0.3303



51.6707, 0.3128, 0.3266

Square

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



51.6707, 0.3110, 0.3303



51.6707, 0.3099, 0.3264



51.6707, 0.3145, 0.3277



51.6707, 0.3156, 0.3317

Rectangle

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



51.6707, 0.3110, 0.3303



51.6707, 0.3094, 0.3278



51.6707, 0.3145, 0.3277



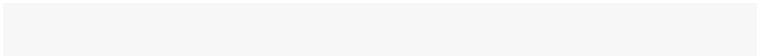
51.6707, 0.3160, 0.3302

Sweetspot

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



51.6729, 0.3110, 0.3303



93.3107, 0.3127, 0.3290



51.7218, 0.3134, 0.3329



20.4902, 0.3127, 0.3290



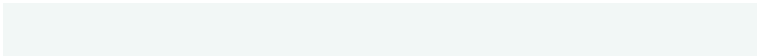
97.7402, 0.3127, 0.3290

Same Dimension

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



51.6729, 0.3110, 0.3303



92.3185, 0.3106, 0.3306



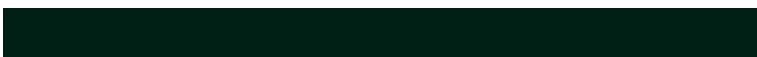
51.5172, 0.3102, 0.3284



11.1700, 0.3107, 0.3305



25.5010, 0.2561, 0.4420



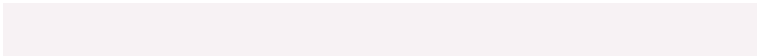
1.0106, 0.2477, 0.4115

Inverse Universe

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



50.6943, 0.3145, 0.3277



90.1185, 0.3149, 0.3274



50.8470, 0.3152, 0.3296



10.9251, 0.3147, 0.3275



7.5403, 0.5594, 0.2855



0.3078, 0.4910, 0.2479

Previews

White Background



This preview shows how the Yxy color 51.6707, 0.3110, 0.3303 looks on a white background.

Color Contrast Check

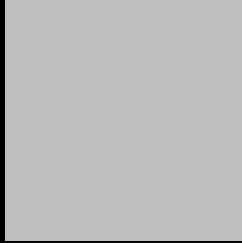
Large Text (above 18pt) WCAG AA × Fail

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 51.6707, 0.3110, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

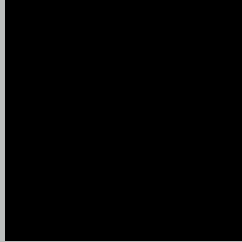
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

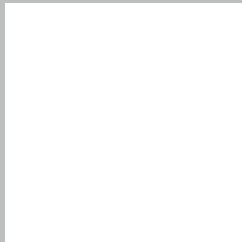
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6707, 0.3110, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 51.6707, 0.3110, 0.3303.



This preview shows how white text looks on a background with the Yxy color 51.6707, 0.3110, 0.3303.

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

51.6707, 0.3110, 0.3303

Protanopia

51.5386, 0.3168, 0.3290

Deuteranopia

51.4525, 0.3275, 0.3207



Tritanopia

51.7020, 0.3023, 0.3105

Trichromacy



Original Color

51.6707, 0.3110, 0.3303

Protanomaly

51.7075, 0.3151, 0.3303

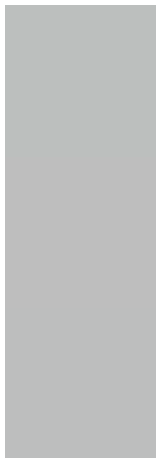
Deuteranomaly

51.7197, 0.3213, 0.3242

Tritanomaly

51.7692, 0.3052, 0.3178

Monochromacy



Original Color

51.6707, 0.3110, 0.3303

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3634, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6707, 0.3110, 0.3303 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(188, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 190)  
}
```

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(188, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.6707, 0.3110, 0.3303 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(188, 191, 190) }
```

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

```
.border{ border-color:rgb(188, 191, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 191,  
190) }
```

Background

The CSS property to change the background color of an element to Yxy 51.6707, 0.3110, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 190) }
```

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

```
.background{ background-color: rgb(188,  
191, 190) }
```

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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