

Converting Colors

$Yxy(60.4750, 0.2952, 0.3094)$

Have a look what the booklet for
Yxy(60.4750, 0.2952, 0.3094)
contains.

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Color

Yxy(60.6189, 0.2951, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	C4CDDD
RGB	196, 205, 221
RGB Percent	77%, 80%, 87%
CMY	0.2314, 0.1961, 0.1332
CMYK	0.11, 0.07, 0.00, 0.13
HSL	218°, 27%, 82%
HSV	218°, 11%, 87%
XYZ	57.6495, 60.6189, 77.0874
YIQ	204.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

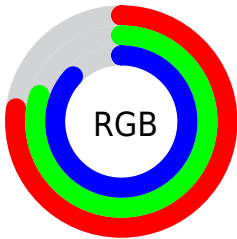
Format	Color
R _Y B	196, 203, 221
Decimal	12897757
CIE Lab	82.17, 0.08, -8.99
CIE LCh	82, 8.989, 270.516
Yxy	60.6189, 0.2951, 0.3103
Android (android.graphics.Color)	4291087837 (0xFFC4CDDD)
YUV	204.1330, 8.3154, -7.1326
Hunter-Lab	77.8581, -4.0827, -4.2024

Details

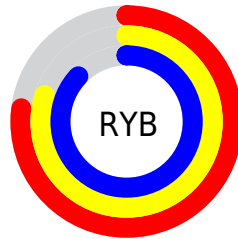
The Yxy color $60.6189, 0.2951, 0.3103$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.4605, 0.3307, 0.3470$, and the grayscale version is $60.4254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.6226, 0.3115, 0.3290$, and $30.6372, 0.2905, 0.3058$ is the 20% darker color. If you saturate the color by 10%, you get $51.4056, 0.2785, 0.2917$, and if you desaturate by 10%, it is $70.8862, 0.3107, 0.3269$.

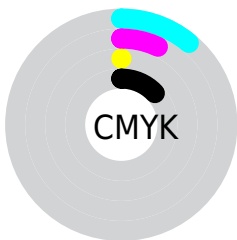
Distribution



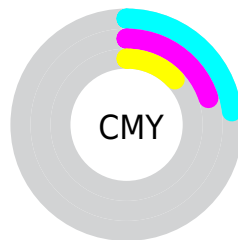
- Red (77%)
- Green (80%)
- Blue (87%)



- Red (77%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6189, 0.2951, 0.3103 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 60.6189, 0.2951, 0.3103 by changing the saturation by 10% instead.

■ 60.6189, 0.2951,
0.3103

■ 60.6189, 0.2951,
0.3103

426.8753, 0.3035,
0.3192

■ 43.9177, 0.2931,
0.3082

105.7269, 0.2981,
0.3134

■ 30.6058, 0.2906,
0.3056

134.9025, 0.2992,
0.3147

■ 20.2989, 0.2874,
0.3022

169.0051, 0.3002,
0.3157

■ 12.6125, 0.2832,
0.2976

208.4189, 0.3010,
0.3166

■ 7.1622, 0.2771,
0.2912

253.5285, 0.3018,
0.3174

■ 3.5638, 0.2681,
0.2816

304.7181, 0.3024,

■ 1.4327, 0.2530,

0.3181

0.2656

362.3722, 0.3030,
0.3187

0.2406, 0.1694,
0.1767

0.0000, 0.0000,
0.0000

60.6189, 0.2951,
0.3103

60.6189, 0.2951,
0.3103

51.4056, 0.2785,
0.2917

70.8862, 0.3107,
0.3269

43.2036, 0.2611,
0.2710

82.2334, 0.3252,
0.3417

35.9781, 0.2434,
0.2486

93.2826, 0.3337,
0.3550

29.6894, 0.2259,
0.2247

98.0020, 0.3327,
0.3621

■ 24.2948, 0.2091,
0.2000

■ 19.7476, 0.1940,
0.1752

■ 15.9961, 0.1811,
0.1514

■ 12.9810, 0.1711,
0.1296

■ 10.8890, 0.1647,
0.1129

Harmonies

Analogous

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



60.6189, 0.2907, 0.3157



60.6189, 0.2951, 0.3103



60.6189, 0.3042, 0.3099

Triad

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



60.6189, 0.2951, 0.3103



60.6189, 0.3338, 0.3326



60.6189, 0.3094, 0.3443

Complementary

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



60.6189, 0.2951, 0.3103



66.4605, 0.3307, 0.3470

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.



60.6189, 0.3210, 0.3489



60.6189, 0.2951, 0.3103



60.6189, 0.3352, 0.3418

Square

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



60.6189, 0.2951, 0.3103



60.6189, 0.3266, 0.3226



60.6189, 0.3305, 0.3479



60.6189, 0.2989, 0.3354

Rectangle

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



60.6189, 0.2951, 0.3103



60.6189, 0.3118, 0.3124



60.6189, 0.3305, 0.3479



60.6189, 0.3133, 0.3464

Sweetspot

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



60.6214, 0.2951, 0.3103



95.4926, 0.3081, 0.3243



68.2091, 0.3012, 0.3396



20.1864, 0.3069, 0.3230



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.



60.6214, 0.2951, 0.3103



80.1208, 0.2906, 0.3053



56.8889, 0.2974, 0.2998



13.3801, 0.2981, 0.3136



6.5197, 0.1655, 0.1157



0.5824, 0.1746, 0.1487

Inverse Universe

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



59.2634, 0.3260, 0.3189



77.9141, 0.3297, 0.3163



70.5709, 0.3271, 0.3570



13.1286, 0.3235, 0.3206



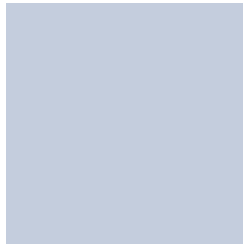
9.2819, 0.5528, 0.2819



0.6175, 0.5076, 0.2570

Previews

White Background



This preview shows how the Yxy color 60.6189, 0.2951, 0.3103 looks on a white background.

Color Contrast Check

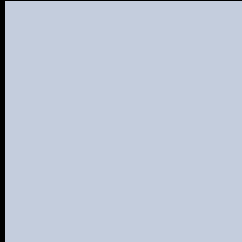
Large Text (above 18pt) WCAG AA × Fail

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 60.6189, 0.2951, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

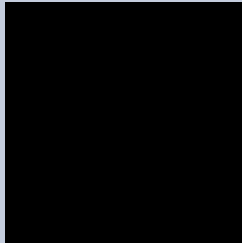
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

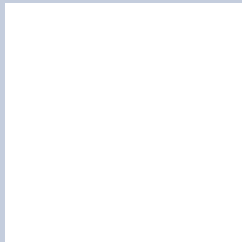
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6189, 0.2951, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 60.6189, 0.2951, 0.3103.

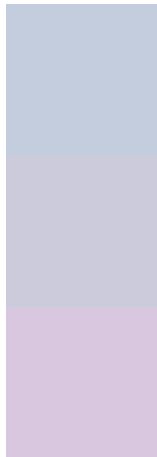


This preview shows how white text looks on a background with the Yxy color 60.6189, 0.2951, 0.3103.

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

60.6189, 0.2951, 0.3103

Protanopia

60.5757, 0.3009, 0.3094

Deuteranopia

60.7197, 0.3093, 0.3033



Tritanopia

60.6189, 0.2951, 0.3103

Trichromacy



Original Color

60.6189, 0.2951, 0.3103

Protanomaly

60.6324, 0.2987, 0.3105

Deuteranomaly

60.6025, 0.3040, 0.3052

Tritanomaly

60.6189, 0.2951, 0.3103

Monochromacy



Original Color

60.6189, 0.2951, 0.3103

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2564, 0.3062, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6189, 0.2951, 0.3103 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(196, 205, 221)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 221)  
}
```

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(196, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.6189, 0.2951, 0.3103 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(196, 205, 221) }
```

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

```
.border{ border-color:rgb(196, 205, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 205, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 205, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 205, 221);  
box-shadow:4px 4px 4px 4px rgb(196, 205,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6189, 0.2951, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 221) }
```

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

```
.background{ background-color: rgb(196,  
205, 221) }
```

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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