

Converting Colors

Yxy(61.2583, 0.2890, 0.3113)

Have a look what the booklet for
Yxy(61.2583, 0.2890, 0.3113)
contains.

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Color

Yxy(61.2583, 0.2890, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0DF
RGB	189, 208, 223
RGB Percent	74%, 82%, 87%
CMY	0.2587, 0.1843, 0.1254
CMYK	0.15, 0.07, 0.00, 0.13
HSL	207°, 35%, 81%
HSV	207°, 15%, 87%
XYZ	56.8701, 61.2583, 78.6538
YIQ	204.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

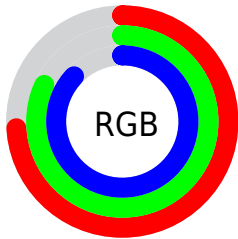
Format	Color
RYB	189, 201, 223
Decimal	12439775
CIELab	82.52, -3.32, -9.60
CIELCh	83, 10.153, 250.925
Yxy	61.2583, 0.2890, 0.3113
Android (android.graphics.Color)	4290629855 (0xFFBDD0DF)
YUV	204.0290, 9.3527, -13.1804
Hunter-Lab	78.2677, -7.2686, -4.7952

Details

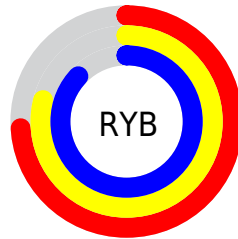
The Yxy color **61.2583, 0.2890, 0.3113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5844, 0.3386, 0.3461**, and the grayscale version is **60.3558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **31.0893, 0.2826, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **53.9634, 0.2730, 0.2981**, and if you desaturate by 10%, it is **69.2960, 0.3047, 0.3232**.

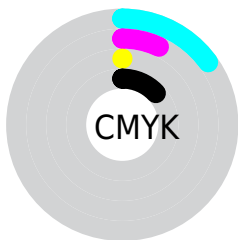
Distribution



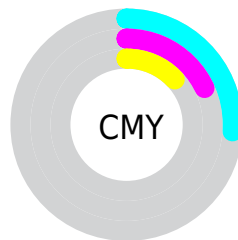
- Red (74%)
- Green (82%)
- Blue (87%)



- Red (74%)
- Yellow (79%)
- Blue (87%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2583, 0.2890, 0.3113 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 61.2583, 0.2890, 0.3113 by changing the saturation by 10% instead.

■ 61.2583, 0.2890,
0.3113

■ 61.2583, 0.2890,
0.3113

429.2204, 0.3002,
0.3198

■ 44.4337, 0.2864,
0.3093

■ 106.6528, 0.2930,
0.3143

■ 31.0116, 0.2831,
0.3068

135.9915, 0.2945,
0.3155

■ 20.6077, 0.2788,
0.3035

170.2704, 0.2958,
0.3164

■ 12.8375, 0.2732,
0.2991

209.8737, 0.2969,
0.3173

■ 7.3168, 0.2654,
0.2929

255.1860, 0.2979,
0.3180

■ 3.6610, 0.2537,
0.2835

306.5917, 0.2988,

■ 1.4858, 0.2345,

0.3187

0.2678

364.4750, 0.2996,
0.3193

0.2787, 0.1280,
0.1940

0.0000, 0.0000,
0.0000

61.2583, 0.2890,
0.3113

61.2583, 0.2890,
0.3113

53.9634, 0.2730,
0.2981

69.2960, 0.3047,
0.3232

47.3782, 0.2571,
0.2837

78.0927, 0.3199,
0.3339

41.4783, 0.2415,
0.2681

87.4943, 0.3337,
0.3435

36.2345, 0.2268,
0.2516

93.3822, 0.3325,
0.3530

■ 31.6150, 0.2134,
0.2345

■ 98.1089, 0.3315,
0.3601

■ 27.5846, 0.2018,
0.2172

■ 24.1031, 0.1923,
0.2000

■ 21.1223, 0.1850,
0.1833

■ 19.8438, 0.1821,
0.1756

Harmonies

Analogous

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



61.2583, 0.2883, 0.3203



61.2583, 0.2890, 0.3113



61.2583, 0.2959, 0.3072

Triad

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



61.2583, 0.2890, 0.3113



61.2583, 0.3318, 0.3256



61.2583, 0.3176, 0.3503

Complementary

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



61.2583, 0.2890, 0.3113



62.5844, 0.3386, 0.3461

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.



61.2583, 0.3295, 0.3514



61.2583, 0.2890, 0.3113



61.2583, 0.3378, 0.3368

Square

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



61.2583, 0.2890, 0.3113



61.2583, 0.3206, 0.3154



61.2583, 0.3369, 0.3463



61.2583, 0.3046, 0.3432

Rectangle

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



61.2583, 0.2890, 0.3113



61.2583, 0.3033, 0.3076



61.2583, 0.3369, 0.3463



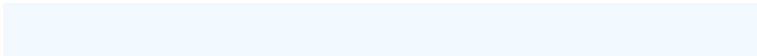
61.2583, 0.3218, 0.3514

Sweetspot

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



61.2608, 0.2890, 0.3113



94.1167, 0.3050, 0.3235



67.9593, 0.3015, 0.3517



19.9724, 0.3039, 0.3227



0.0000, 0.0000, 0.0000



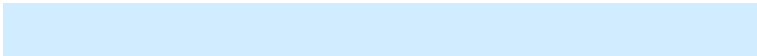
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2608, 0.2890, 0.3113



80.0360, 0.2844, 0.3076



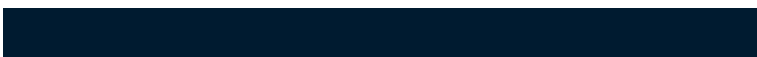
53.5460, 0.2882, 0.2911



14.5050, 0.2981, 0.3184



11.8943, 0.1828, 0.1780



1.0021, 0.1898, 0.2034

Inverse Universe

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



56.6562, 0.3260, 0.3077



72.8910, 0.3290, 0.3035



70.9520, 0.3359, 0.3643



13.8279, 0.3205, 0.3160



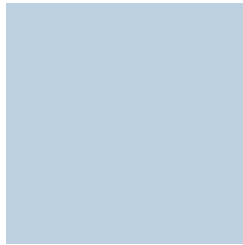
10.1088, 0.4709, 0.2368



0.7186, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 61.2583, 0.2890, 0.3113 looks on a white background.

Color Contrast Check

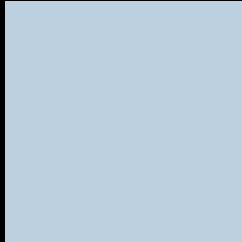
Large Text (above 18pt) WCAG AA × Fail

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 61.2583, 0.2890, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

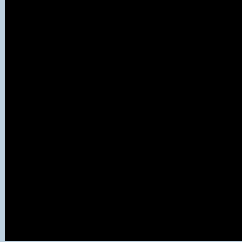
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

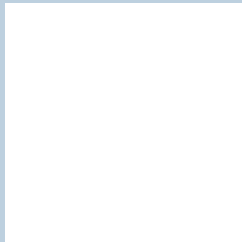
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2583, 0.2890, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 61.2583, 0.2890, 0.3113.

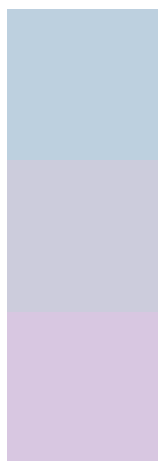


This preview shows how white text looks on a background with the Yxy color 61.2583, 0.2890, 0.3113.

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

61.2583, 0.2890, 0.3113

Protanopia

61.1904, 0.3016, 0.3106

Deuteranopia

60.8820, 0.3072, 0.3000



Tritanopia

61.3124, 0.2884, 0.3102

Trichromacy



Original Color

61.2583, 0.2890, 0.3113

Protanomaly

61.0252, 0.2973, 0.3105

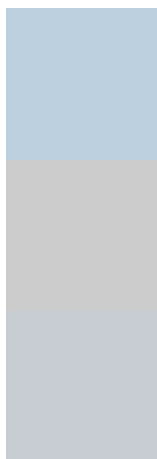
Deuteranomaly

60.7447, 0.3004, 0.3039

Tritanomaly

61.3124, 0.2884, 0.3102

Monochromacy



Original Color

61.2583, 0.2890, 0.3113

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5079, 0.3040, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2583, 0.2890, 0.3113 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(189, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 223)  
}
```

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(189, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 61.2583, 0.2890, 0.3113 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(189, 208, 223) }
```

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

```
.border{ border-color:rgb(189, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2583, 0.2890, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 223) }
```

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

```
.background{ background-color: rgb(189,  
208, 223) }
```

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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