

Converting Colors

$Yxy(56.0988, 0.2809, 0.3011)$

Have a look what the booklet for
Yxy(56.0988, 0.2809, 0.3011)
contains.

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Color

Yxy(56.1012, 0.2809, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	B2C8DF
RGB	178, 200, 223
RGB Percent	70%, 78%, 87%
CMY	0.3019, 0.2157, 0.1255
CMYK	0.20, 0.10, 0.00, 0.13
HSL	211°, 41%, 79%
HSV	211°, 20%, 87%
XYZ	52.3375, 56.1012, 77.8821
YIQ	196.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

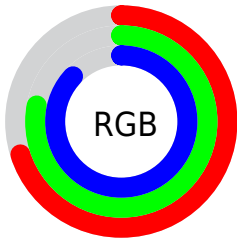
Format	Color
R_{YB}	178, 193, 223
Decimal	11716831
CIE Lab	79.67, -2.55, -13.91
CIE LCh	80, 14.146, 259.594
Yxy	56.1012, 0.2809, 0.3011
Android (android.graphics.Color)	4289906911 (0xFFB2C8DF)
YUV	196.0440, 13.2893, -15.8246
Hunter-Lab	74.9007, -6.3479, -9.2195

Details

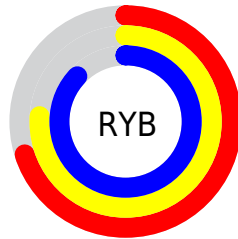
The Yxy color **56.1012, 0.2809, 0.3011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6900, 0.3476, 0.3554**, and the grayscale version is **55.1612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.7449, 0.2728, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **48.5886, 0.2645, 0.2850**, and if you desaturate by 10%, it is **64.4413, 0.2970, 0.3157**.

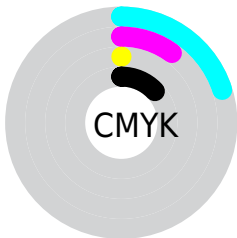
Distribution



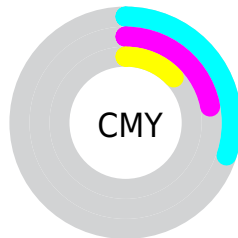
- Red (70%)
- Green (78%)
- Blue (87%)



- Red (70%)
- Yellow (76%)
- Blue (87%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1012, 0.2809, 0.3011 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 56.1012, 0.2809, 0.3011 by changing the saturation by 10% instead.

■ 56.1012, 0.2809,
0.3011

■ 56.1012, 0.2809,
0.3011

410.0728, 0.2962,
0.3146

■ 40.2841, 0.2773,
0.2979

■ 99.1525, 0.2863,
0.3059

■ 27.7601, 0.2727,
0.2938

127.1555, 0.2884,
0.3077

■ 18.1449, 0.2668,
0.2885

159.9892, 0.2902,
0.3093

■ 11.0541, 0.2589,
0.2813

198.0381, 0.2917,
0.3107

■ 6.1032, 0.2478,
0.2712

241.6865, 0.2930,
0.3118

■ 2.9079, 0.2311,
0.2557

291.3188, 0.2942,

■ 1.0839, 0.2033,

0.3129

0.2294

347.3194, 0.2952,
0.3138

0.0000, 0.0000,
0.0000

56.1012, 0.2809,
0.3011

56.1012, 0.2809,
0.3011

48.5886, 0.2645,
0.2850

64.4413, 0.2970,
0.3157

41.8674, 0.2480,
0.2675

73.6297, 0.3125,
0.3288

35.9087, 0.2319,
0.2487

83.6947, 0.3272,
0.3404

30.6787, 0.2168,
0.2291

92.2683, 0.3327,
0.3513

26.1406, 0.2032,
0.2090

98.1078, 0.3315,
0.3601

■ 22.2533, 0.1916,
0.1890

■ 18.9691, 0.1824,
0.1697

■ 16.2538, 0.1755,
0.1519

Harmonies

Analogous

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



56.1012, 0.2772, 0.3120



56.1012, 0.2809, 0.3011



56.1012, 0.2929, 0.2978

Triad

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



56.1012, 0.2809, 0.3011



56.1012, 0.3436, 0.3286



56.1012, 0.3141, 0.3578

Complementary

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



56.1012, 0.2809, 0.3011



60.6900, 0.3476, 0.3554

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.



56.1012, 0.3322, 0.3618



56.1012, 0.2809, 0.3011



56.1012, 0.3496, 0.3443

Square

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



56.1012, 0.2809, 0.3011



56.1012, 0.3291, 0.3135



56.1012, 0.3453, 0.3566



56.1012, 0.2960, 0.3452

Rectangle

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



56.1012, 0.2809, 0.3011



56.1012, 0.3042, 0.3000



56.1012, 0.3453, 0.3566



56.1012, 0.3204, 0.3602

Sweetspot

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



56.1035, 0.2809, 0.3011



92.3213, 0.3035, 0.3213



66.4381, 0.2961, 0.3561



19.5872, 0.3024, 0.3204



0.0000, 0.0000, 0.0000



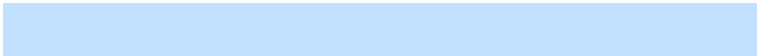
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1035, 0.2809, 0.3011



71.8127, 0.2743, 0.2948



46.6466, 0.2791, 0.2735



14.3433, 0.2981, 0.3167



9.7819, 0.1763, 0.1546



0.8569, 0.1842, 0.1829

Inverse Universe

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



51.7091, 0.3338, 0.3040



65.1201, 0.3390, 0.2987



71.6795, 0.3430, 0.3791



13.8116, 0.3216, 0.3176



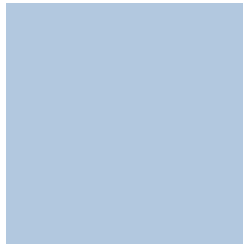
9.8955, 0.5000, 0.2528



0.7040, 0.4651, 0.2336

Previews

White Background



This preview shows how the Yxy color 56.1012, 0.2809, 0.3011 looks on a white background.

Color Contrast Check

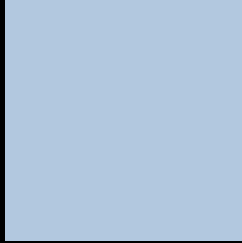
Large Text (above 18pt) WCAG AA × Fail

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 56.1012, 0.2809, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

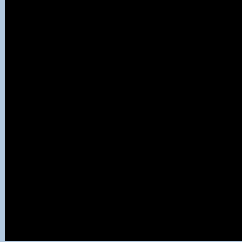
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

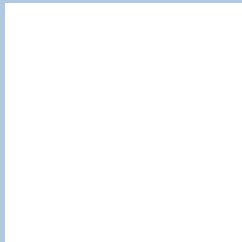
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1012, 0.2809, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 56.1012, 0.2809, 0.3011.



This preview shows how white text looks on a background with the Yxy color 56.1012, 0.2809, 0.3011.

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

56.1012, 0.2809, 0.3011

Protanopia

56.1165, 0.2941, 0.3006

Deuteranopia

55.8320, 0.2974, 0.2909



Tritanopia

56.1302, 0.2841, 0.3094

Trichromacy



Original Color

56.1012, 0.2809, 0.3011

Protanomaly

55.8443, 0.2891, 0.3003

Deuteranomaly

55.8814, 0.2914, 0.2949

Tritanomaly

56.2349, 0.2828, 0.3070

Monochromacy



Original Color

56.1012, 0.2809, 0.3011

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2076, 0.3001, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1012, 0.2809, 0.3011 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(178, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(178, 200, 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(178, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 200, 223) }
```

Border

The CSS property to change the border of an element to Yxy 56.1012, 0.2809, 0.3011 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(178, 200, 223) }
```

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

```
.border{ border-color:rgb(178, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 200, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 200, 223);  
box-shadow:4px 4px 4px 4px rgb(178, 200,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1012, 0.2809, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 200, 223) }
```

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

```
.background{ background-color: rgb(178,  
200, 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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