

Converting Colors

Yxy(56.2947, 0.2874, 0.3010)

Have a look what the booklet for
Yxy(56.2947, 0.2874, 0.3010)
contains.

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Color

Yxy(56.1012, 0.2870, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	BAC6DE
RGB	186, 198, 222
RGB Percent	73%, 78%, 87%
CMY	0.2708, 0.2234, 0.1295
CMYK	0.16, 0.11, 0.00, 0.13
HSL	220°, 35%, 80%
HSV	220°, 16%, 87%
XYZ	53.6165, 56.1012, 77.0995
YIQ	197.1480, -14.8560, 4.9200

Conversions

Conversions Part 2

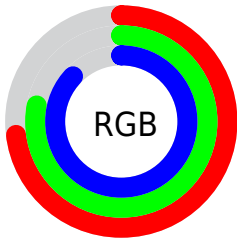
Format	Color
R_{YB}	186, 195, 222
Decimal	12240606
CIE _{Lab}	79.67, 0.76, -13.31
CIE _{LCh}	80, 13.333, 273.253
Yxy	56.1012, 0.2870, 0.3003
Android (android.graphics.Color)	4290430686 (0xFFBAC6DE)
YUV	197.1480, 12.2520, -9.7768
Hunter-Lab	74.9007, -3.2998, -8.5999

Details

The Yxy color **56.1012, 0.2870, 0.3003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1182, 0.3391, 0.3561**, and the grayscale version is **55.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **27.7231, 0.2807, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **47.1139, 0.2699, 0.2799**, and if you desaturate by 10%, it is **66.1826, 0.3032, 0.3186**.

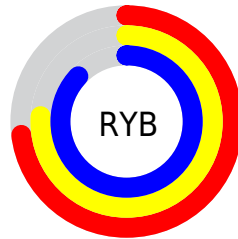
Distribution



Red (73%)

Green (78%)

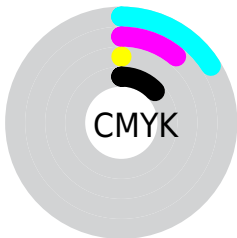
Blue (87%)



Red (73%)

Yellow (76%)

Blue (87%)

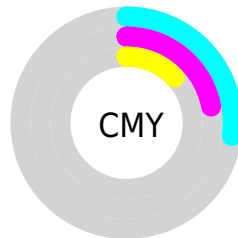


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1012, 0.2870, 0.3003 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, 0.2870, 0.3003 by changing the saturation by 10% instead.

■ 56.1012, 0.2870,
0.3003

■ 56.1012, 0.2870,
0.3003

410.0728, 0.2994,
0.3141

■ 40.2841, 0.2840,
0.2970

■ 99.1525, 0.2914,
0.3052

■ 27.7601, 0.2803,
0.2929

127.1555, 0.2931,
0.3071

■ 18.1449, 0.2755,
0.2875

159.9892, 0.2945,
0.3087

■ 11.0541, 0.2690,
0.2803

198.0381, 0.2958,
0.3101

■ 6.1032, 0.2598,
0.2702

241.6865, 0.2968,
0.3113

■ 2.9079, 0.2458,
0.2548

291.3188, 0.2978,

■ 1.0839, 0.2222,

0.3123

0.2290

347.3194, 0.2986,
0.3133

0.0000, 0.0000,
0.0000

56.1012, 0.2870,
0.3003

56.1012, 0.2870,
0.3003

47.1139, 0.2699,
0.2799

66.1826, 0.3032,
0.3186

39.1751, 0.2521,
0.2574

77.3876, 0.3182,
0.3349

32.2461, 0.2341,
0.2333

89.7534, 0.3321,
0.3492

26.2830, 0.2165,
0.2080

98.0532, 0.3322,
0.3611

21.2383, 0.2001,
0.1823

■ 17.0597, 0.1857,
0.1572

■ 13.6887, 0.1740,
0.1338

■ 11.0562, 0.1655,
0.1133

■ 10.2228, 0.1629,
0.1063

Harmonies

Analogous

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



56.1012, 0.2797, 0.3075



56.1012, 0.2870, 0.3003



56.1012, 0.3012, 0.3006

Triad

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



56.1012, 0.2870, 0.3003



56.1012, 0.3455, 0.3356



56.1012, 0.3060, 0.3515

Complementary

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



56.1012, 0.2870, 0.3003



65.1182, 0.3391, 0.3561

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, 0.3236, 0.3593



56.1012, 0.2870, 0.3003



56.1012, 0.3468, 0.3494

Square

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



56.1012, 0.2870, 0.3003



56.1012, 0.3352, 0.3206



56.1012, 0.3387, 0.3583



56.1012, 0.2905, 0.3372

Rectangle

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



56.1012, 0.2870, 0.3003



56.1012, 0.3128, 0.3048



56.1012, 0.3387, 0.3583



56.1012, 0.3119, 0.3550

Sweetspot

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



56.1035, 0.2870, 0.3003



92.3714, 0.3051, 0.3207



67.2893, 0.2959, 0.3438



19.5486, 0.3040, 0.3195



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, 0.2870, 0.3003



73.0816, 0.2821, 0.2946



51.4893, 0.2905, 0.2859



13.9901, 0.2981, 0.3130



6.2566, 0.1636, 0.1090



0.5947, 0.1722, 0.1400

Inverse Universe

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



54.6999, 0.3335, 0.3153



70.9841, 0.3380, 0.3127



70.4655, 0.3330, 0.3697



13.7759, 0.3240, 0.3212



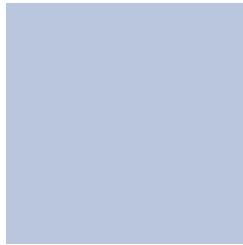
9.5396, 0.5625, 0.2872



0.6775, 0.5191, 0.2633

Previews

White Background



This preview shows how the Yxy color 56.1012, 0.2870, 0.3003 looks on a white background.

Color Contrast Check

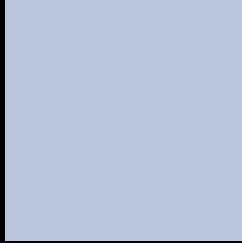
Large Text (above 18pt) WCAG AA × Fail

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, 0.2870, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

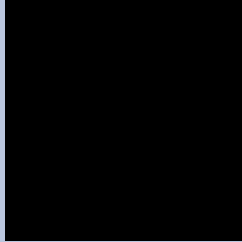
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1012, 0.2870, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 56.1012, 0.2870, 0.3003.



This preview shows how white text looks on a background with the Yxy color 56.1012, 0.2870, 0.3003.

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, 0.2870, 0.3003

Protanopia

56.1696, 0.2935, 0.2995

Deuteranopia

55.8644, 0.2995, 0.2932



Tritanopia

56.0674, 0.2910, 0.3096

Trichromacy



Original Color

56.1012, 0.2870, 0.3003

Protanomaly

56.2293, 0.2913, 0.3005

Deuteranomaly

55.7816, 0.2943, 0.2950

Tritanomaly

56.2231, 0.2890, 0.3061

Monochromacy



Original Color

56.1012, 0.2870, 0.3003

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.7262, 0.3031, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1012, 0.2870, 0.3003 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(186, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 198, 222)  
}
```

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(186, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 198, 222) }
```

Border

The CSS property to change the border of an element to Yxy 56.1012, 0.2870, 0.3003 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(186, 198, 222) }
```

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

```
.border{ border-color:rgb(186, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 198,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1012, 0.2870, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 198, 222) }
```

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

```
.background{ background-color: rgb(186,  
198, 222) }
```

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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