

Converting Colors

$Y_{xy}(56.3504, 0.2830, 0.2979)$

Have a look what the booklet for
Yxy(56.3504, 0.2830, 0.2979)
contains.

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Color

Yxy(56.3504, 0.2830, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7E1
RGB	183, 199, 225
RGB Percent	72%, 78%, 88%
CMY	0.2825, 0.2195, 0.1177
CMYK	0.19, 0.12, 0.00, 0.12
HSL	217°, 41%, 80%
HSV	217°, 19%, 88%
XYZ	53.5319, 56.3504, 79.2764
YIQ	197.1800, -17.8820, 4.6940

Conversions

Conversions Part 2

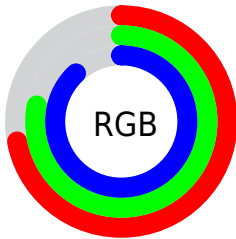
Format	Color
RYB	183, 195, 225
Decimal	12044257
CIELab	79.81, -0.07, -14.73
CIELCh	80, 14.731, 269.726
Yxy	56.3504, 0.2830, 0.2979
Android (android.graphics.Color)	4290234337 (0xFFB7C7E1)
YUV	197.1800, 13.7153, -12.4359
Hunter-Lab	75.0669, -4.0746, -10.0680

Details

The Yxy color **56.3504, 0.2830, 0.2979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9823, 0.3439, 0.3583**, and the grayscale version is **55.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **27.8989, 0.2755, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **47.7045, 0.2659, 0.2785**, and if you desaturate by 10%, it is **66.0260, 0.2993, 0.3154**.

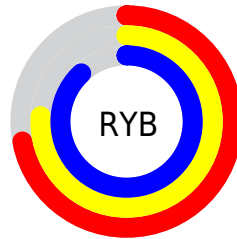
Distribution



Red (72%)

Green (78%)

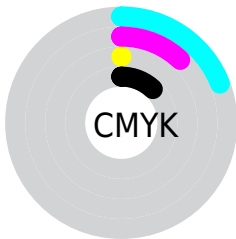
Blue (88%)



Red (72%)

Yellow (76%)

Blue (88%)

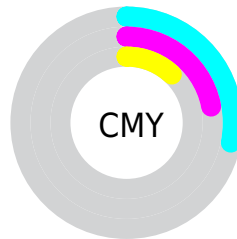


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (28%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3504, 0.2830, 0.2979 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 56.3504, 0.2830, 0.2979 by changing the saturation by 10% instead.

■ 56.3504, 0.2830,
0.2979

■ 56.3504, 0.2830,
0.2979

411.0107, 0.2973,
0.3129

■ 40.4839, 0.2796,
0.2943

■ 99.5167, 0.2881,
0.3032

■ 27.9161, 0.2753,
0.2899

127.5853, 0.2900,
0.3052

■ 18.2624, 0.2698,
0.2841

160.4902, 0.2917,
0.3070

■ 11.1385, 0.2624,
0.2763

198.6155, 0.2931,
0.3085

■ 6.1601, 0.2520,
0.2654

242.3459, 0.2943,
0.3098

■ 2.9427, 0.2362,
0.2489

292.0656, 0.2954,

■ 1.1019, 0.2101,

0.3109

0.2214

348.1591, 0.2964,
0.3120

0.0000, 0.0000,
0.0000

56.3504, 0.2830,
0.2979

56.3504, 0.2830,
0.2979

47.7045, 0.2659,
0.2785

66.0260, 0.2993,
0.3154

40.0449, 0.2485,
0.2573

76.7589, 0.3147,
0.3309

33.3351, 0.2311,
0.2346

88.5841, 0.3290,
0.3447

27.5334, 0.2143,
0.2109

97.9686, 0.3304,
0.3578

22.5945, 0.1989,
0.1868

98.2153, 0.3304,
0.3582

■ 18.4682, 0.1857,
0.1632

■ 15.0978, 0.1751,
0.1411

■ 12.4064, 0.1673,
0.1214

■ 12.0908, 0.1664,
0.1189

Harmonies

Analogous

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



56.3504, 0.2761, 0.3067



56.3504, 0.2830, 0.2979



56.3504, 0.2978, 0.2973

Triad

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



56.3504, 0.2830, 0.2979



56.3504, 0.3481, 0.3342



56.3504, 0.3075, 0.3554

Complementary

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



56.3504, 0.2830, 0.2979



64.9823, 0.3439, 0.3583

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.



56.3504, 0.3269, 0.3629



56.3504, 0.2830, 0.2979



56.3504, 0.3507, 0.3498

Square

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



56.3504, 0.2830, 0.2979



56.3504, 0.3356, 0.3179



56.3504, 0.3428, 0.3605



56.3504, 0.2899, 0.3402

Rectangle

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



56.3504, 0.2830, 0.2979



56.3504, 0.3105, 0.3014



56.3504, 0.3428, 0.3605



56.3504, 0.3140, 0.3589

Sweetspot

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



56.3527, 0.2830, 0.2979



91.3299, 0.3035, 0.3197



68.5000, 0.2943, 0.3480



19.3531, 0.3024, 0.3186



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.



56.3527, 0.2830, 0.2979



70.7156, 0.2771, 0.2914



49.9565, 0.2856, 0.2786



14.0979, 0.2981, 0.3141



7.1775, 0.1672, 0.1218



0.6668, 0.1758, 0.1527

Inverse Universe

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



53.9772, 0.3356, 0.3108



67.2464, 0.3409, 0.3073



72.4863, 0.3371, 0.3759



13.7868, 0.3232, 0.3201



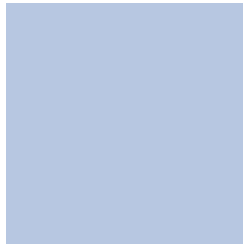
9.6326, 0.5441, 0.2771



0.6848, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 56.3504, 0.2830, 0.2979 looks on a white background.

Color Contrast Check

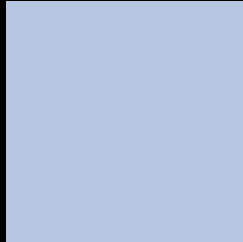
Large Text (above 18pt) WCAG AA × Fail

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 56.3504, 0.2830, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

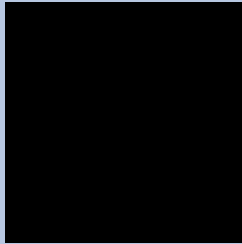
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3504, 0.2830, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 56.3504, 0.2830, 0.2979.



This preview shows how white text looks on a background with the Yxy color 56.3504, 0.2830, 0.2979.

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

56.3504, 0.2830, 0.2979

Protanopia

56.1450, 0.2914, 0.2972

Deuteranopia

56.3274, 0.2967, 0.2910



Tritanopia

56.0902, 0.2875, 0.3095

Trichromacy



Original Color

56.3504, 0.2830, 0.2979

Protanomaly

56.1331, 0.2878, 0.2970

Deuteranomaly

56.2570, 0.2915, 0.2928

Tritanomaly

56.3681, 0.2862, 0.3060

Monochromacy



Original Color

56.3504, 0.2830, 0.2979

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0996, 0.3016, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3504, 0.2830, 0.2979 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(183, 199, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 225)  
}
```

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(183, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 225) }
```

Border

The CSS property to change the border of an element to Yxy 56.3504, 0.2830, 0.2979 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(183, 199, 225) }
```

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

```
.border{ border-color:rgb(183, 199, 225) }
```

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

Here you see how a box with a 4 pixel rgb(183, 199, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3504, 0.2830, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 225) }
```

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

```
.background{ background-color: rgb(183,  
199, 225) }
```

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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