

Converting Colors

Yxy(55.9542, 0.2760, 0.2908)

Have a look what the booklet for
Yxy(55.9542, 0.2760, 0.2908)
contains.

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Color

Yxy(56.0813, 0.2758, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	B2C7E7
RGB	178, 199, 231
RGB Percent	70%, 78%, 91%
CMY	0.3020, 0.2196, 0.0941
CMYK	0.23, 0.14, 0.00, 0.09
HSL	216°, 52%, 80%
HSV	216°, 23%, 91%
XYZ	53.2068, 56.0813, 83.6300
YIQ	196.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

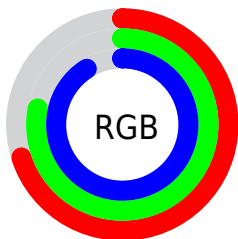
Format	Color
RYB	178, 193, 231
Decimal	11716583
CIELab	79.66, -0.25, -18.23
CIElCh	80, 18.231, 269.215
Yxy	56.0813, 0.2758, 0.2907
Android (android.graphics.Color)	4289906663 (0xFFB2C7E7)
YUV	196.3690, 17.0731, -16.1096
Hunter-Lab	74.8874, -4.2305, -13.7905

Details

The Yxy color **56.0813, 0.2758, 0.2907** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.2980, 0.3521, 0.3645**, and the grayscale version is **55.3414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.6310, 0.2662, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **47.4508, 0.2586, 0.2710**, and if you desaturate by 10%, it is **65.7646, 0.2924, 0.3086**.

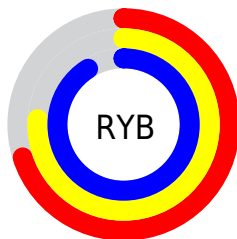
Distribution



Red (70%)

Green (78%)

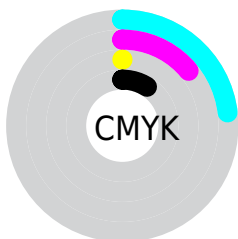
Blue (91%)



Red (70%)

Yellow (76%)

Blue (91%)

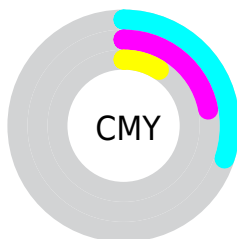


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (9%)



Cyan (30%)

Magenta (22%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0813, 0.2758, 0.2907 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 56.0813, 0.2758, 0.2907 by changing the saturation by 10% instead.

■ 56.0813, 0.2758,
0.2907

■ 56.0813, 0.2758,
0.2907

409.9978, 0.2935,
0.3091

■ 40.2681, 0.2716,
0.2863

■ 99.1234, 0.2821,
0.2972

■ 27.7476, 0.2663,
0.2809

127.1212, 0.2845,
0.2997

■ 18.1355, 0.2596,
0.2738

159.9492, 0.2865,
0.3018

■ 11.0473, 0.2505,
0.2644

197.9920, 0.2883,
0.3037

■ 6.0987, 0.2379,
0.2512

241.6338, 0.2899,
0.3053

■ 2.9052, 0.2190,
0.2316

291.2591, 0.2912,

■ 1.0824, 0.1885,

0.3067

0.1996

347.2523, 0.2924,
0.3080

0.0000, 0.0000,
0.0000

56.0813, 0.2758,
0.2907

56.0813, 0.2758,
0.2907

47.4508, 0.2586,
0.2710

65.7646, 0.2924,
0.3086

39.8276, 0.2412,
0.2496

76.5304, 0.3082,
0.3246

33.1725, 0.2242,
0.2268

88.4157, 0.3230,
0.3388

27.4408, 0.2081,
0.2033

98.4153, 0.3268,
0.3520

22.5836, 0.1937,
0.1798

98.5502, 0.3268,
0.3522

■ 18.5461, 0.1817,
0.1571

■ 15.2652, 0.1724,
0.1361

■ 13.3476, 0.1674,
0.1227

Harmonies

Analogous

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



56.0813, 0.2675, 0.3015



56.0813, 0.2758, 0.2907



56.0813, 0.2938, 0.2900

Triad

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



56.0813, 0.2758, 0.2907



56.0813, 0.3565, 0.3348



56.0813, 0.3065, 0.3623

Complementary

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



56.0813, 0.2758, 0.2907



66.2980, 0.3521, 0.3645

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.



56.0813, 0.3305, 0.3713



56.0813, 0.2758, 0.2907



56.0813, 0.3600, 0.3542

Square

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



56.0813, 0.2758, 0.2907



56.0813, 0.3407, 0.3149



56.0813, 0.3503, 0.3679



56.0813, 0.2848, 0.3432

Rectangle

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



56.0813, 0.2758, 0.2907



56.0813, 0.3094, 0.2949



56.0813, 0.3503, 0.3679



56.0813, 0.3146, 0.3666

Sweetspot

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



56.0836, 0.2758, 0.2907



90.0868, 0.3019, 0.3183



71.2662, 0.2908, 0.3540



19.1062, 0.3009, 0.3173



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.



56.0836, 0.2758, 0.2907



64.3966, 0.2669, 0.2807



47.7114, 0.2777, 0.2653



14.8197, 0.2981, 0.3144



7.7083, 0.1682, 0.1256



0.7469, 0.1763, 0.1546

Inverse Universe

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



52.9525, 0.3416, 0.3056



60.1233, 0.3501, 0.3000



76.4948, 0.3434, 0.3870



14.4621, 0.3230, 0.3197



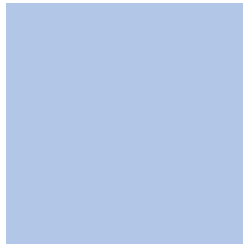
9.9759, 0.5387, 0.2741



0.7551, 0.4999, 0.2528

Previews

White Background



This preview shows how the Yxy color 56.0813, 0.2758, 0.2907 looks on a white background.

Color Contrast Check

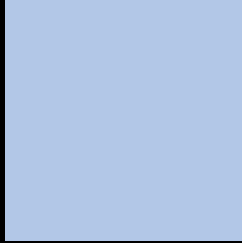
Large Text (above 18pt) WCAG AA × Fail

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 56.0813, 0.2758, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

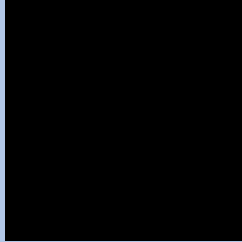
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

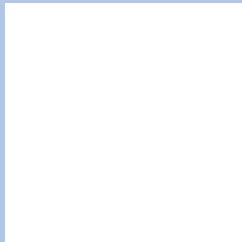
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0813, 0.2758, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 56.0813, 0.2758, 0.2907.



This preview shows how white text looks on a background with the Yxy color 56.0813, 0.2758, 0.2907.

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

56.0813, 0.2758, 0.2907

Protanopia

56.2134, 0.2859, 0.2903

Deuteranopia

55.6676, 0.2896, 0.2830



Tritanopia

55.8970, 0.2827, 0.3093

Trichromacy



Original Color

56.0813, 0.2758, 0.2907

Protanomaly

56.0848, 0.2818, 0.2900

Deuteranomaly

55.9328, 0.2839, 0.2858

Tritanomaly

55.8126, 0.2801, 0.3022

Monochromacy



Original Color

56.0813, 0.2758, 0.2907

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3548, 0.2980, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0813, 0.2758, 0.2907 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, 199, 231)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 231)  
}
```

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, 199, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 231) }
```

Border

The CSS property to change the border of an element to Yxy 56.0813, 0.2758, 0.2907 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, 199, 231) }
```

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

```
.border{ border-color:rgb(178, 199, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 231);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0813, 0.2758, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 231) }
```

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

```
.background{ background-color: rgb(178,  
199, 231) }
```

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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