

Converting Colors

$Yxy(56.0827, 0.2344, 0.2909)$

Have a look what the booklet for
Yxy(56.0827, 0.2344, 0.2909)
contains.

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Color

Yxy(56.0652, 0.2344, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	6BD3F1
RGB	107, 211, 241
RGB Percent	42%, 83%, 95%
CMY	0.5808, 0.1725, 0.0550
CMYK	0.56, 0.12, 0.00, 0.05
HSL	193°, 83%, 68%
HSV	193°, 56%, 95%
XYZ	45.2226, 56.0652, 91.6413
YIQ	183.3240, -71.6140, -12.7180

Conversions

Conversions Part 2

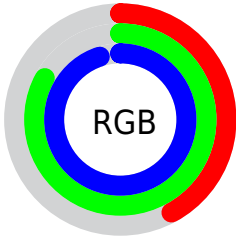
Format	Color
R _{YB}	107, 166, 241
Decimal	7066609
CIE Lab	79.65, -21.95, -23.92
CIE LCh	80, 32.461, 227.455
Yxy	56.0652, 0.2344, 0.2906
Android (android.graphics.Color)	4285256689 (0xFF6BD3F1)
YUV	183.3240, 28.4343, -66.9361
Hunter-Lab	74.8767, -23.2272, -20.1511

Details

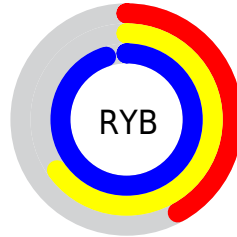
The Yxy color **56.0652, 0.2344, 0.2906** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **37.6077, 0.4597, 0.3614**, and the grayscale version is **47.3983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9555, 0.2638, 0.3289**, and **27.6548, 0.2156, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **52.1465, 0.2243, 0.2824**, and if you desaturate by 10%, it is **60.4937, 0.2462, 0.2985**.

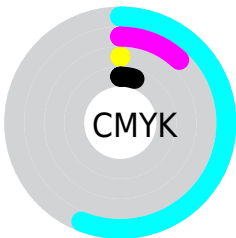
Distribution



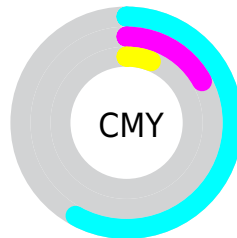
- Red (42%)
- Green (83%)
- Blue (95%)



- Red (42%)
- Yellow (65%)
- Blue (95%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)





- Cyan (58%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0652, 0.2344, 0.2906 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 56.0652, 0.2344, 0.2906 by changing the saturation by 10% instead.


 56.0652, 0.2344,
0.2906


 56.0652, 0.2344,
0.2906

409.9372, 0.2710,
0.3100


 40.2552, 0.2260,
0.2858


 99.0999, 0.2471,
0.2976

 27.7376, 0.2157,
0.2797


 127.0934, 0.2521,
0.3003

 18.1279, 0.2027,
0.2717


 159.9168, 0.2564,
0.3025

 11.0419, 0.1858,
0.2607

197.9546, 0.2601,
0.3044

 6.0950, 0.1634,
0.2451

241.5912, 0.2633,
0.3061

 2.9029, 0.1325,
0.2214

291.2108, 0.2662,

 1.0813, 0.0818,

0.3076

0.1843

347.1980, 0.2688,
0.3088

0.0000, 0.0000,
0.0000

56.0652, 0.2344,
0.2906

56.0652, 0.2344,
0.2906

52.1465, 0.2243,
0.2824

60.4937, 0.2462,
0.2985

48.6948, 0.2160,
0.2741

65.4580, 0.2594,
0.3061

45.6699, 0.2097,
0.2658

70.9894, 0.2737,
0.3132

43.0197, 0.2054,
0.2576

77.1150, 0.2886,
0.3198

41.9469, 0.2039,
0.2540

83.8597, 0.3040,
0.3258

91.2469, 0.3195,
0.3313

95.1837, 0.3214,
0.3365

98.5554, 0.3209,
0.3416

99.1297, 0.3209,
0.3425

Harmonies

Analogous

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



56.0652, 0.2469, 0.3284



56.0652, 0.2344, 0.2906



56.0652, 0.2409, 0.2669

Triad

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



56.0652, 0.2344, 0.2906



56.0652, 0.3469, 0.2923



56.0652, 0.3584, 0.4052

Complementary

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



56.0652, 0.2344, 0.2906



37.6077, 0.4597, 0.3614

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.



56.0652, 0.3885, 0.3885



56.0652, 0.2344, 0.2906



56.0652, 0.3825, 0.3238

Square

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



56.0652, 0.2344, 0.2906



56.0652, 0.3034, 0.2696



56.0652, 0.3979, 0.3583



56.0652, 0.3173, 0.3994

Rectangle

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



56.0652, 0.2344, 0.2906



56.0652, 0.2553, 0.2605



56.0652, 0.3979, 0.3583



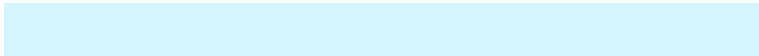
56.0652, 0.3702, 0.4017

Sweetspot

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



56.0673, 0.2344, 0.2906



86.6597, 0.2865, 0.3189



67.7948, 0.2915, 0.4712



18.2406, 0.2834, 0.3176



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.



56.0673, 0.2344, 0.2906



58.6463, 0.2228, 0.2811



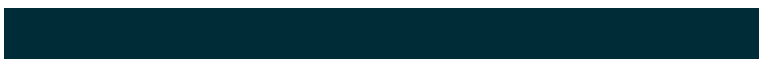
29.6854, 0.2150, 0.1993



17.2948, 0.2981, 0.3236



22.9612, 0.2043, 0.2553



2.0556, 0.2073, 0.2662

Inverse Universe

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



33.8953, 0.3492, 0.2222



32.6245, 0.3594, 0.2060



62.4641, 0.4142, 0.4293



15.9674, 0.3172, 0.3108



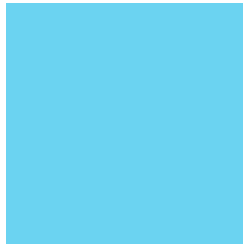
12.1113, 0.3869, 0.1905



1.0222, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 56.0652, 0.2344, 0.2906 looks on a white background.

Color Contrast Check

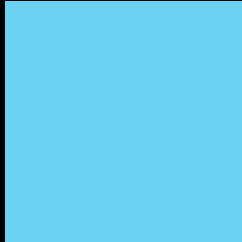
Large Text (above 18pt) WCAG AA × Fail

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 56.0652, 0.2344, 0.2906 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 56.0652, 0.2344, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 56.0652, 0.2344, 0.2906.

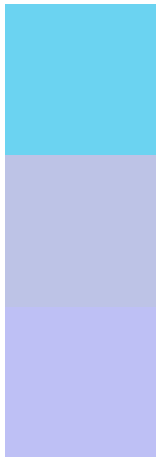


This preview shows how white text looks on a background with the Yxy color 56.0652, 0.2344, 0.2906.

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

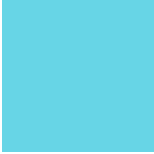
56.0652, 0.2344, 0.2906

Protanopia

55.5622, 0.2838, 0.2878

Deuteranopia

55.2390, 0.2748, 0.2683



Tritanopia

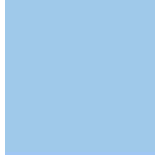
56.1852, 0.2383, 0.3066

Trichromacy



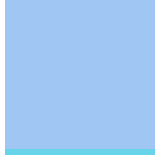
Original Color

56.0652, 0.2344, 0.2906



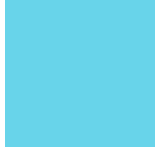
Protanomaly

55.0847, 0.2620, 0.2885



Deuteranomaly

54.8521, 0.2568, 0.2748



Tritanomaly

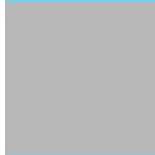
55.9705, 0.2366, 0.3003

Monochromacy



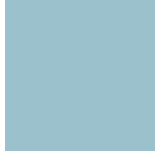
Original Color

56.0652, 0.2344, 0.2906



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.4681, 0.2764, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0652, 0.2344, 0.2906 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(107, 211, 241)` looks like.

```
.text, #text, p{  
    color:rgb(107, 211, 241)  
}
```

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(107, 211, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 211, 241) }
```

Border

The CSS property to change the border of an element to Yxy 56.0652, 0.2344, 0.2906 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(107, 211, 241) }
```

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

```
.border{ border-color:rgb(107, 211, 241) }
```

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

Here you see how a box with a 4 pixel rgb(107, 211, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(107, 211,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0652, 0.2344, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 211, 241) }
```

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

```
.background{ background-color: rgb(107,  
211, 241) }
```

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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