

Converting Colors

Yxy(56.7145, 0.2657, 0.3065)

Have a look what the booklet for
Yxy(56.7145, 0.2657, 0.3065)
contains.

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Color

Yxy(56.4930, 0.2660, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	9BCEE0
RGB	155, 206, 224
RGB Percent	61%, 81%, 88%
CMY	0.3921, 0.1921, 0.1216
CMYK	0.31, 0.08, 0.00, 0.12
HSL	196°, 53%, 74%
HSV	196°, 31%, 88%
XYZ	49.0442, 56.4930, 78.8394
YIQ	192.8030, -36.1740, -5.2140

Conversions

Conversions Part 2

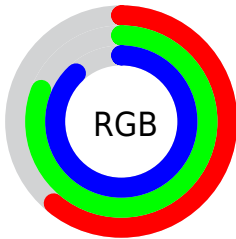
Format	Color
R _Y B	155, 184, 224
Decimal	10211040
CIE Lab	79.89, -12.30, -14.26
CIE LCh	80, 18.829, 229.231
Yxy	56.4930, 0.2660, 0.3064
Android (android.graphics.Color)	4288401120 (0xFF9BCEE0)
YUV	192.8030, 15.3801, -33.1532
Hunter-Lab	75.1618, -15.0593, -9.5777

Details

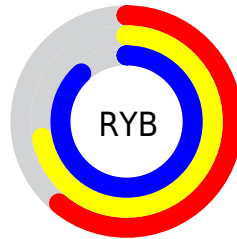
The Yxy color **56.4930, 0.2660, 0.3064** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1039, 0.3759, 0.3504**, and the grayscale version is **53.1328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **28.0877, 0.2539, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **51.7190, 0.2519, 0.2978**, and if you desaturate by 10%, it is **61.7872, 0.2808, 0.3144**.

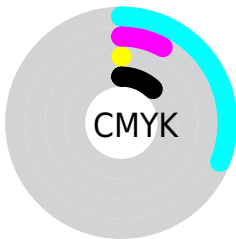
Distribution



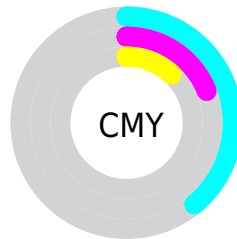
- Red (61%)
- Green (81%)
- Blue (88%)



- Red (61%)
- Yellow (72%)
- Blue (88%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)





- Cyan (39%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4930, 0.2660, 0.3064 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 56.4930, 0.2660, 0.3064 by changing the saturation by 10% instead.


 56.4930, 0.2660,
0.3064


 56.4930, 0.2660,
0.3064


411.5468, 0.2882,
0.3177

 40.5983, 0.2608,
0.3036


 99.7250, 0.2738,
0.3105

 28.0054, 0.2543,
0.3001


 127.8312, 0.2768,
0.3120

 18.3297, 0.2459,
0.2954


160.7766, 0.2794,
0.3133

 11.1870, 0.2348,
0.2891

198.9457, 0.2817,
0.3144

 6.1927, 0.2194,
0.2798

242.7229, 0.2836,
0.3154

 2.9626, 0.1967,
0.2653

292.4925, 0.2853,

 1.1122, 0.1599,

0.3162

0.2400

348.6390, 0.2869,
0.3170

0.0000, 0.0000,
0.0000

56.4930, 0.2660,
0.3064

56.4930, 0.2660,
0.3064

51.7190, 0.2519,
0.2978

61.7872, 0.2808,
0.3144

47.4346, 0.2390,
0.2887

67.6169, 0.2961,
0.3218

43.6159, 0.2275,
0.2792


74.0051, 0.3115,
0.3285

40.2338, 0.2178,
0.2694

80.9713, 0.3268,
0.3345


37.2553, 0.2100,
0.2596

86.1844, 0.3334,
0.3402


 34.6410, 0.2041,
0.2498

 89.5898, 0.3327,
0.3459

 32.4967, 0.2003,
0.2409

 93.1062, 0.3319,
0.3515

 96.7347, 0.3312,
0.3570

 98.1618, 0.3310,
0.3591

Harmonies

Analogous

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



56.4930, 0.2732, 0.3280



56.4930, 0.2660, 0.3064



56.4930, 0.2706, 0.2921

Triad

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



56.4930, 0.2660, 0.3064



56.4930, 0.3341, 0.3083



56.4930, 0.3386, 0.3728

Complementary

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



56.4930, 0.2660, 0.3064



48.1039, 0.3759, 0.3504

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.



56.4930, 0.3561, 0.3653



56.4930, 0.2660, 0.3064



56.4930, 0.3537, 0.3279

Square

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



56.4930, 0.2660, 0.3064



56.4930, 0.3093, 0.2939



56.4930, 0.3618, 0.3486



56.4930, 0.3146, 0.3678

Rectangle

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



56.4930, 0.2660, 0.3064



56.4930, 0.2799, 0.2882



56.4930, 0.3618, 0.3486



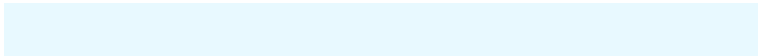
56.4930, 0.3455, 0.3716

Sweetspot

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



56.4952, 0.2660, 0.3064



92.1436, 0.2988, 0.3230



63.2693, 0.2982, 0.3960



19.4632, 0.2965, 0.3220



0.0000, 0.0000, 0.0000



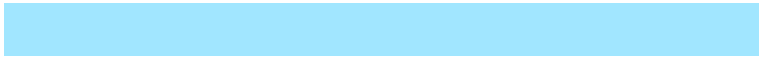
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4952, 0.2660, 0.3064



71.5702, 0.2568, 0.3009



41.9543, 0.2609, 0.2620



14.9355, 0.2982, 0.3227



19.1113, 0.2007, 0.2424



1.4675, 0.2048, 0.2573

Inverse Universe

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



43.7495, 0.3322, 0.2711



52.3625, 0.3375, 0.2589



62.7200, 0.3644, 0.3880



13.8714, 0.3177, 0.3118



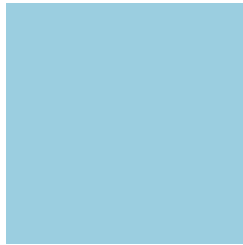
10.8373, 0.3998, 0.1976



0.7656, 0.3850, 0.1895

Previews

White Background



This preview shows how the Yxy color 56.4930, 0.2660, 0.3064 looks on a white background.

Color Contrast Check

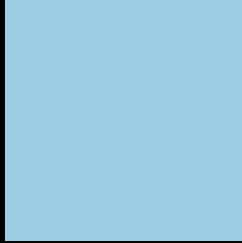
Large Text (above 18pt) WCAG AA × Fail

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 56.4930, 0.2660, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

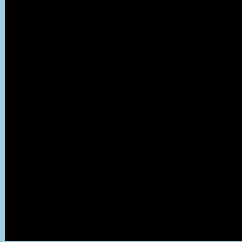
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4930, 0.2660, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 56.4930, 0.2660, 0.3064.



This preview shows how white text looks on a background with the Yxy color 56.4930, 0.2660, 0.3064.

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

56.4930, 0.2660, 0.3064

Protanopia

56.1439, 0.2963, 0.3030

Deuteranopia

56.3825, 0.2960, 0.2899



Tritanopia

56.4389, 0.2666, 0.3076

Trichromacy



Original Color

56.4930, 0.2660, 0.3064

Protanomaly

56.1792, 0.2842, 0.3047

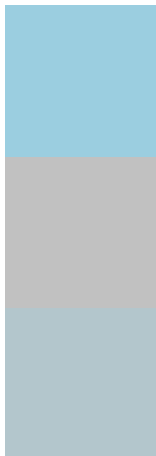
Deuteranomaly

56.3183, 0.2844, 0.2957

Tritanomaly

56.4389, 0.2666, 0.3076

Monochromacy



Original Color

56.4930, 0.2660, 0.3064

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3315, 0.2940, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4930, 0.2660, 0.3064 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(155, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 206, 224)  
}
```

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(155, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 206, 224) }
```

Border

The CSS property to change the border of an element to Yxy 56.4930, 0.2660, 0.3064 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(155, 206, 224) }
```

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

```
.border{ border-color:rgb(155, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(155, 206,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4930, 0.2660, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 206, 224) }
```

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

```
.background{ background-color: rgb(155,  
206, 224) }
```

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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