

Converting Colors

$Yxy(55.9601, 0.2663, 0.2949)$

Have a look what the booklet for
Yxy(55.9601, 0.2663, 0.2949)
contains.

Yxy(56.1064, 0.2665, 0.2958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.1064, 0.2665, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	A2CBE6
RGB	162, 203, 230
RGB Percent	64%, 80%, 90%
CMY	0.3644, 0.2040, 0.0981
CMYK	0.30, 0.12, 0.00, 0.10
HSL	204°, 58%, 77%
HSV	204°, 30%, 90%
XYZ	50.5489, 56.1064, 83.0215
YIQ	193.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

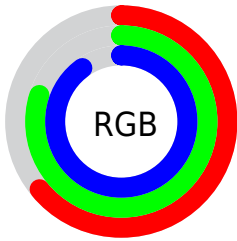
Format	Color
R_{YB}	162, 188, 230
Decimal	10669030
CIE _{Lab}	79.67, -7.29, -17.76
CIE _{LCh}	80, 19.197, 247.681
Yxy	56.1064, 0.2665, 0.2958
Android (android.graphics.Color)	4288859110 (0xFFA2CBE6)
YUV	193.8190, 17.8372, -27.9053
Hunter-Lab	74.9042, -10.6222, -13.2823

Details

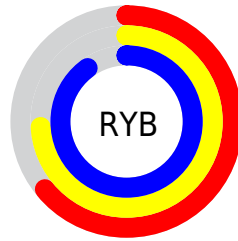
The Yxy color **56.1064, 0.2665, 0.2958** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.8615, 0.3696, 0.3599**, and the grayscale version is **53.7521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **27.7390, 0.2549, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **49.7228, 0.2511, 0.2824**, and if you desaturate by 10%, it is **63.1898, 0.2823, 0.3081**.

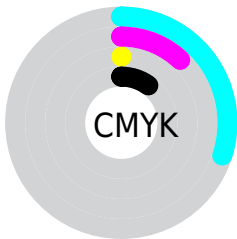
Distribution



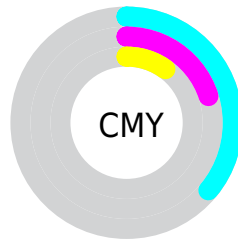
- Red (64%)
- Green (80%)
- Blue (90%)



- Red (64%)
- Yellow (74%)
- Blue (90%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)





- Cyan (36%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1064, 0.2665, 0.2958 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 56.1064, 0.2665, 0.2958 by changing the saturation by 10% instead.

 56.1064, 0.2665,
0.2958

 56.1064, 0.2665,
0.2958


410.0924, 0.2885,
0.3120

 40.2882, 0.2613,
0.2919


 99.1601, 0.2743,
0.3016

 27.7634, 0.2549,
0.2870


 127.1645, 0.2772,
0.3038

 18.1473, 0.2466,
0.2805

159.9997, 0.2798,
0.3057

 11.0558, 0.2356,
0.2719

198.0501, 0.2820,
0.3073

 6.1044, 0.2203,
0.2596

241.7002, 0.2839,
0.3087

 2.9087, 0.1979,
0.2408

291.3344, 0.2857,

 1.0842, 0.1624,

0.3099

0.2096

347.3370, 0.2872,
0.3110

0.0000, 0.0000,
0.0000

56.1064, 0.2665,
0.2958

56.1064, 0.2665,
0.2958

49.7228, 0.2511,
0.2824

63.1898, 0.2823,
0.3081

44.0038, 0.2363,
0.2682

70.9927, 0.2980,
0.3193

38.9210, 0.2227,
0.2532

79.5422, 0.3134,
0.3295

34.4404, 0.2107,
0.2377

88.8617, 0.3284,
0.3385

30.5238, 0.2006,
0.2222

94.5448, 0.3280,
0.3473

■ 27.1267, 0.1927,
0.2068

■ 98.4927, 0.3274,
0.3532

■ 24.1792, 0.1867,
0.1919

■ 24.0481, 0.1865,
0.1912

Harmonies

Analogous

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



56.1064, 0.2664, 0.3137



56.1064, 0.2665, 0.2958



56.1064, 0.2783, 0.2874

Triad

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



56.1064, 0.2665, 0.2958



56.1064, 0.3480, 0.3198



56.1064, 0.3245, 0.3722

Complementary

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



56.1064, 0.2665, 0.2958



55.8615, 0.3696, 0.3599

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.



56.1064, 0.3472, 0.3722



56.1064, 0.2665, 0.2958



56.1064, 0.3613, 0.3411

Square

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



56.1064, 0.2665, 0.2958



56.1064, 0.3251, 0.3014



56.1064, 0.3609, 0.3603



56.1064, 0.2992, 0.3592

Rectangle

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



56.1064, 0.2665, 0.2958



56.1064, 0.2917, 0.2878



56.1064, 0.3609, 0.3603



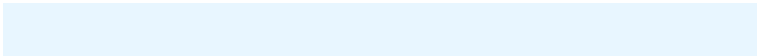
56.1064, 0.3327, 0.3737

Sweetspot

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



56.1086, 0.2665, 0.2958



90.2200, 0.2987, 0.3199



67.9140, 0.2935, 0.3811



18.9881, 0.2964, 0.3183



0.0000, 0.0000, 0.0000



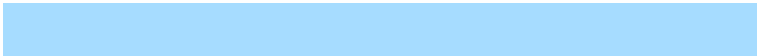
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1086, 0.2665, 0.2958



66.2325, 0.2577, 0.2884



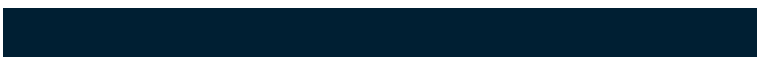
42.1507, 0.2618, 0.2533



15.3243, 0.2981, 0.3194



13.8610, 0.1871, 0.1936



1.2046, 0.1932, 0.2154

Inverse Universe

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



46.9999, 0.3395, 0.2832



53.5833, 0.3464, 0.2742



71.7118, 0.3595, 0.3948



14.5131, 0.3199, 0.3149



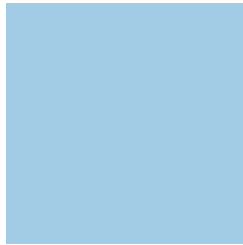
10.5970, 0.4526, 0.2267



0.8013, 0.4282, 0.2133

Previews

White Background



This preview shows how the Yxy color 56.1064, 0.2665, 0.2958 looks on a white background.

Color Contrast Check

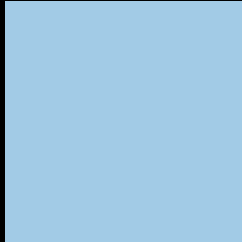
Large Text (above 18pt) WCAG AA × Fail

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 56.1064, 0.2665, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

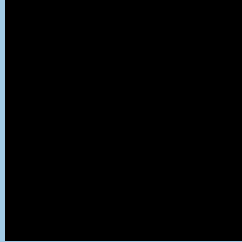
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1064, 0.2665, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 56.1064, 0.2665, 0.2958.



This preview shows how white text looks on a background with the Yxy color 56.1064, 0.2665, 0.2958.

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

56.1064, 0.2665, 0.2958

Protanopia

55.6729, 0.2893, 0.2936

Deuteranopia

55.6676, 0.2896, 0.2830



Tritanopia

56.3567, 0.2707, 0.3089

Trichromacy



Original Color

56.1064, 0.2665, 0.2958

Protanomaly

55.7580, 0.2803, 0.2942

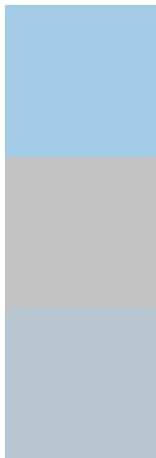
Deuteranomaly

55.6885, 0.2811, 0.2877

Tritanomaly

56.1446, 0.2694, 0.3041

Monochromacy



Original Color

56.1064, 0.2665, 0.2958

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3826, 0.2941, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1064, 0.2665, 0.2958 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(162, 203, 230)` looks like.

```
.text, #text, p{  
    color:rgb(162, 203, 230)  
}
```

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(162, 203, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 203, 230) }
```

Border

The CSS property to change the border of an element to Yxy 56.1064, 0.2665, 0.2958 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(162, 203, 230) }
```

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

```
.border{ border-color:rgb(162, 203, 230) }
```

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

Here you see how a box with a 4 pixel rgb(162, 203, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 203, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 203, 230);  
box-shadow:4px 4px 4px 4px rgb(162, 203,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1064, 0.2665, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 203, 230) }
```

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

```
.background{ background-color: rgb(162,  
203, 230) }
```

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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