

Converting Colors

$Y_{xy}(56.0250, 0.2665, 0.3161)$

Have a look what the booklet for
Yxy(56.0250, 0.2665, 0.3161)
contains.

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Color

Yxy(56.0250, 0.2665, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	95CFD9
RGB	149, 207, 217
RGB Percent	58%, 81%, 85%
CMY	0.4156, 0.1882, 0.1490
CMYK	0.31, 0.05, 0.00, 0.15
HSL	189°, 47%, 72%
HSV	189°, 31%, 85%
XYZ	47.2340, 56.0250, 73.9792
YIQ	190.7980, -37.7780, -9.1860

Conversions

Conversions Part 2

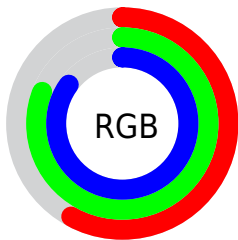
Format	Color
R _Y B	149, 180, 217
Decimal	9818073
CIE Lab	79.63, -16.15, -10.95
CIE LCh	80, 19.509, 214.140
Yxy	56.0250, 0.2665, 0.3161
Android (android.graphics.Color)	4288008153 (0xFF95CFD9)
YUV	190.7980, 12.9176, -36.6568
Hunter-Lab	74.8498, -18.3448, -6.2055

Details

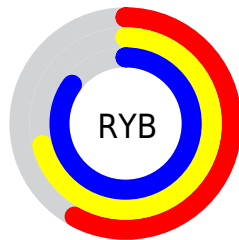
The Yxy color **56.0250, 0.2665, 0.3161** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7286, 0.3800, 0.3414**, and the grayscale version is **51.9200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **27.8240, 0.2548, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **52.6397, 0.2536, 0.3114**, and if you desaturate by 10%, it is **59.8265, 0.2805, 0.3206**.

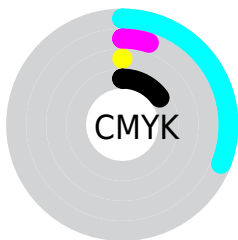
Distribution



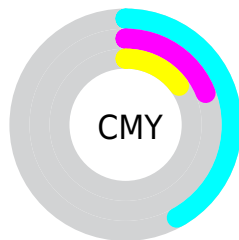
- Red (58%)
- Green (81%)
- Blue (85%)



- Red (58%)
- Yellow (71%)
- Blue (85%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)





- Cyan (42%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0250, 0.2665, 0.3161 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 56.0250, 0.2665, 0.3161 by changing the saturation by 10% instead.

 56.0250, 0.2665,
0.3161

 56.0250, 0.2665,
0.3161


409.7857, 0.2886,
0.3227

 40.2230, 0.2613,
0.3144

 99.0411, 0.2743,
0.3185

 27.7124, 0.2548,
0.3122


 127.0240, 0.2773,
0.3194

 18.1090, 0.2464,
0.3093


159.8360, 0.2798,
0.3202

 11.0283, 0.2353,
0.3052

197.8614, 0.2820,
0.3209

 6.0859, 0.2198,
0.2990

241.4847, 0.2840,
0.3214

 2.8974, 0.1967,
0.2888

291.0903, 0.2857,

 1.0784, 0.1556,

0.3219

0.2711

347.0625, 0.2872,
0.3224

0.0000, 0.0000,
0.0000

56.0250, 0.2665,
0.3161

56.0250, 0.2665,
0.3161

52.6397, 0.2536,
0.3114

59.8265, 0.2805,
0.3206

49.6424, 0.2420,
0.3064

64.0570, 0.2953,
0.3247

47.0120, 0.2322,
0.3012

68.7373, 0.3106,
0.3285

44.7224, 0.2241,
0.2960

73.8846, 0.3262,
0.3320

42.7436, 0.2180,
0.2907

79.0346, 0.3398,
0.3351

■ 41.0400, 0.2138,
0.2855

■ 80.7581, 0.3393,
0.3383

■ 39.7334, 0.2114,
0.2811

■ 82.5141, 0.3388,
0.3414

■ 84.3026, 0.3384,
0.3446

■ 86.1239, 0.3379,
0.3477

Harmonies

Analogous

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



56.0250, 0.2797, 0.3402



56.0250, 0.2665, 0.3161



56.0250, 0.2651, 0.2969

Triad

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



56.0250, 0.2665, 0.3161



56.0250, 0.3222, 0.2991



56.0250, 0.3500, 0.3721

Complementary

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



56.0250, 0.2665, 0.3161



41.7286, 0.3800, 0.3414

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.



56.0250, 0.3626, 0.3588



56.0250, 0.2665, 0.3161



56.0250, 0.3462, 0.3172

Square

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



56.0250, 0.2665, 0.3161



56.0250, 0.2964, 0.2882



56.0250, 0.3612, 0.3387



56.0250, 0.3276, 0.3737

Rectangle

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



56.0250, 0.2665, 0.3161



56.0250, 0.2710, 0.2893



56.0250, 0.3612, 0.3387



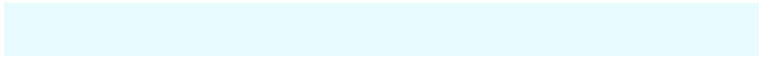
56.0250, 0.3556, 0.3687

Sweetspot

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



56.0272, 0.2665, 0.3161



93.7669, 0.2988, 0.3256



58.4951, 0.3029, 0.4083



19.8652, 0.2965, 0.3250



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.



56.0272, 0.2665, 0.3161



77.2510, 0.2573, 0.3128



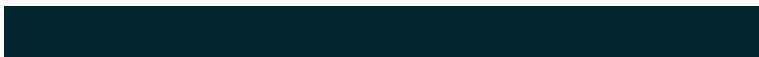
41.6519, 0.2613, 0.2717



14.4857, 0.2982, 0.3255



24.1707, 0.2116, 0.2818



1.6568, 0.2140, 0.2903

Inverse Universe

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



40.7571, 0.3254, 0.2619



52.0827, 0.3288, 0.2471



54.6585, 0.3680, 0.3802



13.2402, 0.3160, 0.3093



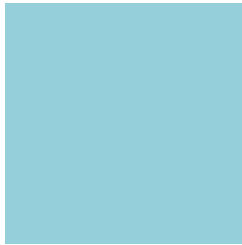
11.0638, 0.3618, 0.1767



0.7259, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 56.0250, 0.2665, 0.3161 looks on a white background.

Color Contrast Check

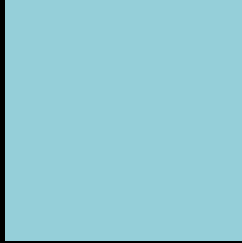
Large Text (above 18pt) WCAG AA × Fail

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 56.0250, 0.2665, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

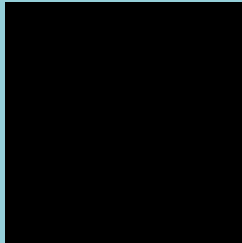
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0250, 0.2665, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 56.0250, 0.2665, 0.3161.

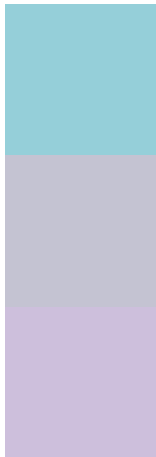


This preview shows how white text looks on a background with the Yxy color 56.0250, 0.2665, 0.3161.

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

56.0250, 0.2665, 0.3161

Protanopia

55.4191, 0.3026, 0.3111

Deuteranopia

55.4080, 0.3025, 0.2954



Tritanopia

55.9544, 0.2636, 0.3074

Trichromacy



Original Color

56.0250, 0.2665, 0.3161

Protanomaly

55.2346, 0.2880, 0.3117

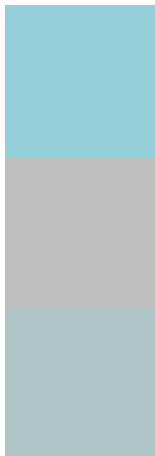
Deuteranomaly

55.3613, 0.2882, 0.3024

Tritanomaly

55.8471, 0.2647, 0.3099

Monochromacy



Original Color

56.0250, 0.2665, 0.3161

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.3327, 0.2945, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0250, 0.2665, 0.3161 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(149, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 207, 217)  
}
```

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(149, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 207, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.0250, 0.2665, 0.3161 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(149, 207, 217) }
```

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

```
.border{ border-color:rgb(149, 207, 217) }
```

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

Here you see how a box with a 4 pixel rgb(149, 207, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 207,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0250, 0.2665, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 207, 217) }
```

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

```
.background{ background-color: rgb(149,  
207, 217) }
```

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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