

Converting Colors

$Yxy(56.3362, 0.2686, 0.3086)$

Have a look what the booklet for
Yxy(56.3362, 0.2686, 0.3086)
contains.

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Color

Yxy(56.1047, 0.2682, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	9DCDDE
RGB	157, 205, 222
RGB Percent	62%, 80%, 87%
CMY	0.3844, 0.1960, 0.1293
CMYK	0.29, 0.08, 0.00, 0.13
HSL	196°, 50%, 74%
HSV	196°, 29%, 87%
XYZ	48.9183, 56.1047, 77.3720
YIQ	192.5860, -34.0650, -4.8890

Conversions

Conversions Part 2

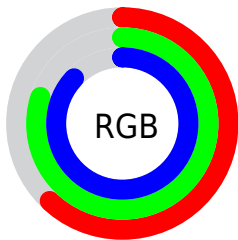
Format	Color
RYB	157, 185, 222
Decimal	10341854
CIELab	79.67, -11.69, -13.52
CIELCh	80, 17.872, 229.149
Yxy	56.1047, 0.2682, 0.3076
Android (android.graphics.Color)	4288531934 (0xFF9DCDDE)
YUV	192.5860, 14.5011, -31.2089
Hunter-Lab	74.9031, -14.5041, -8.8121

Details

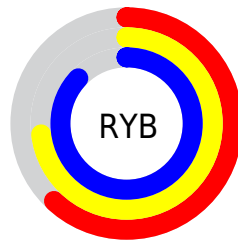
The Yxy color **56.1047, 0.2682, 0.3076** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2322, 0.3719, 0.3493**, and the grayscale version is **52.9998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **27.8663, 0.2573, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **51.3466, 0.2540, 0.2991**, and if you desaturate by 10%, it is **61.3761, 0.2831, 0.3155**.

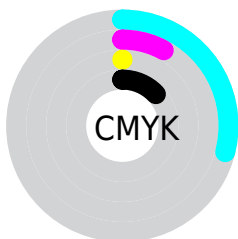
Distribution



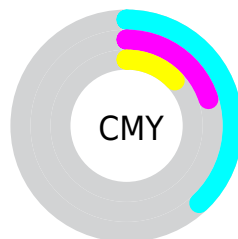
- Red (62%)
- Green (80%)
- Blue (87%)



- Red (62%)
- Yellow (73%)
- Blue (87%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1047, 0.2682, 0.3076 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 56.1047, 0.2682, 0.3076 by changing the saturation by 10% instead.

■ 56.1047, 0.2682,
0.3076

■ 56.1047, 0.2682,
0.3076

■ 410.0860, 0.2894,
0.3183

■ 40.2869, 0.2632,
0.3050

■ 99.1576, 0.2757,
0.3115

■ 27.7623, 0.2569,
0.3016

■ 127.1616, 0.2786,
0.3129

■ 18.1465, 0.2489,
0.2972

■ 159.9963, 0.2810,
0.3141

■ 11.0552, 0.2382,
0.2911

■ 198.0462, 0.2832,
0.3152

■ 6.1040, 0.2233,
0.2823

■ 241.6957, 0.2850,
0.3161

■ 2.9084, 0.2012,
0.2684

■ 291.3293, 0.2867,

■ 1.0841, 0.1649,

0.3169

0.2440

347.3312, 0.2881,
0.3176

0.0000, 0.0000,
0.0000

56.1047, 0.2682,
0.3076

56.1047, 0.2682,
0.3076

51.3466, 0.2540,
0.2991

61.3761, 0.2831,
0.3155

47.0721, 0.2409,
0.2900

67.1755, 0.2984,
0.3228

43.2580, 0.2291,
0.2805

73.5252, 0.3138,
0.3294

39.8766, 0.2191,
0.2708

80.4441, 0.3290,
0.3354

36.8961, 0.2110,
0.2609

85.4041, 0.3348,
0.3410

■ 34.2791, 0.2049,
0.2511

■ 88.7656, 0.3341,
0.3467

■ 31.9659, 0.2005,
0.2414

■ 92.2365, 0.3333,
0.3523

■ 31.8099, 0.2002,
0.2407

■ 95.8177, 0.3326,
0.3578

■ 98.0550, 0.3321,
0.3611

Harmonies

Analogous

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



56.1047, 0.2751, 0.3281



56.1047, 0.2682, 0.3076



56.1047, 0.2726, 0.2939

Triad

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



56.1047, 0.2682, 0.3076



56.1047, 0.3331, 0.3092



56.1047, 0.3375, 0.3706

Complementary

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



56.1047, 0.2682, 0.3076



48.2322, 0.3719, 0.3493

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.



56.1047, 0.3540, 0.3635



56.1047, 0.2682, 0.3076



56.1047, 0.3516, 0.3280

Square

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



56.1047, 0.2682, 0.3076



56.1047, 0.3094, 0.2955



56.1047, 0.3594, 0.3477



56.1047, 0.3146, 0.3658

Rectangle

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



56.1047, 0.2682, 0.3076



56.1047, 0.2815, 0.2901



56.1047, 0.3594, 0.3477



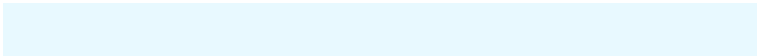
56.1047, 0.3440, 0.3695

Sweetspot

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



56.1069, 0.2682, 0.3076



92.1342, 0.2988, 0.3230



62.4451, 0.2989, 0.3922



19.4609, 0.2965, 0.3220



0.0000, 0.0000, 0.0000



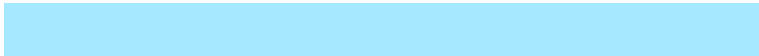
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1069, 0.2682, 0.3076



72.8210, 0.2596, 0.3026



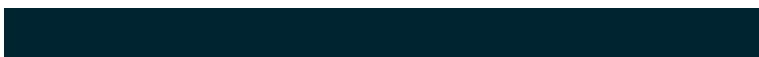
42.4172, 0.2637, 0.2658



14.9339, 0.2982, 0.3227



19.0802, 0.2006, 0.2422



1.4655, 0.2048, 0.2571

Inverse Universe

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



44.0454, 0.3311, 0.2741



54.2484, 0.3358, 0.2627



61.9927, 0.3617, 0.3850



13.8712, 0.3178, 0.3118



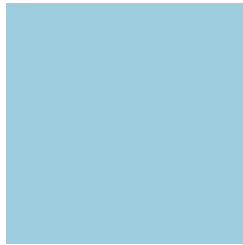
10.8342, 0.4001, 0.1978



0.7654, 0.3852, 0.1896

Previews

White Background



This preview shows how the Yxy color 56.1047, 0.2682, 0.3076 looks on a white background.

Color Contrast Check

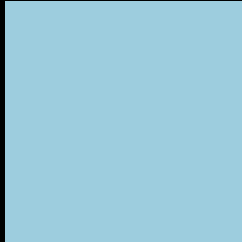
Large Text (above 18pt) WCAG AA × Fail

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 56.1047, 0.2682, 0.3076 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 56.1047, 0.2682, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 56.1047, 0.2682, 0.3076.



This preview shows how white text looks on a background with the Yxy color 56.1047, 0.2682, 0.3076.

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

56.1047, 0.2682, 0.3076

Protanopia

56.0398, 0.2976, 0.3053

Deuteranopia

55.8320, 0.2974, 0.2909



Tritanopia

56.1047, 0.2682, 0.3076

Trichromacy



Original Color

56.1047, 0.2682, 0.3076

Protanomaly

55.7326, 0.2861, 0.3059

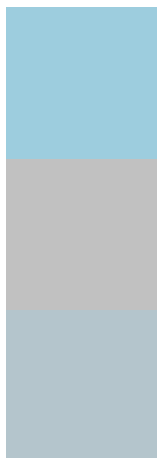
Deuteranomaly

55.7534, 0.2857, 0.2968

Tritanomaly

56.1047, 0.2682, 0.3076

Monochromacy



Original Color

56.1047, 0.2682, 0.3076

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9954, 0.2947, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1047, 0.2682, 0.3076 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(157, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(157, 205, 222)  
}
```

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(157, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 205, 222) }
```

Border

The CSS property to change the border of an element to Yxy 56.1047, 0.2682, 0.3076 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(157, 205, 222) }
```

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

```
.border{ border-color:rgb(157, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(157, 205,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1047, 0.2682, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 205, 222) }
```

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

```
.background{ background-color: rgb(157,  
205, 222) }
```

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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