

Converting Colors

$Yxy(56.8734, 0.2667, 0.3035)$

Have a look what the booklet for
Yxy(56.8734, 0.2667, 0.3035)
contains.

Yxy(56.9027, 0.2667, 0.3041)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9027, 0.2667, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	9ECEEE2
RGB	158, 206, 226
RGB Percent	62%, 81%, 89%
CMY	0.3803, 0.1922, 0.1137
CMYK	0.30, 0.09, 0.00, 0.11
HSL	198°, 54%, 75%
HSV	198°, 30%, 89%
XYZ	49.9045, 56.9027, 80.3112
YIQ	193.9280, -35.0280, -3.9560

Conversions

Conversions Part 2

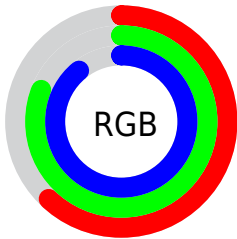
Format	Color
R _Y B	158, 186, 226
Decimal	10407650
CIE Lab	80.12, -10.96, -14.97
CIE LCh	80, 18.555, 233.792
Yxy	56.9027, 0.2667, 0.3041
Android (android.graphics.Color)	4288597730 (0xFF9ECEEE2)
YUV	193.9280, 15.8115, -31.5089
Hunter-Lab	75.4339, -13.9198, -10.3198

Details

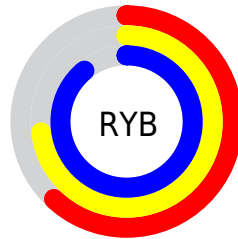
The Yxy color **56.9027, 0.2667, 0.3041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4989, 0.3732, 0.3525**, and the grayscale version is **53.8290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **28.3398, 0.2547, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **51.6831, 0.2523, 0.2944**, and if you desaturate by 10%, it is **62.6840, 0.2818, 0.3131**.

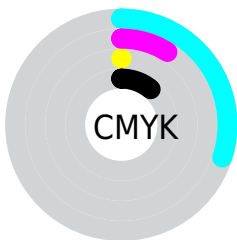
Distribution



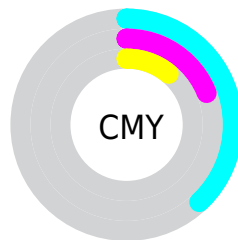
- Red (62%)
- Green (81%)
- Blue (89%)



- Red (62%)
- Yellow (73%)
- Blue (89%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9027, 0.2667, 0.3041 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 56.9027, 0.2667, 0.3041 by changing the saturation by 10% instead.

■ 56.9027, 0.2667,
0.3041

■ 56.9027, 0.2667,
0.3041

■ 413.0846, 0.2886,
0.3164

■ 40.9271, 0.2616,
0.3011

■ 100.3232, 0.2744,
0.3085

■ 28.2621, 0.2552,
0.2973

■ 128.5369, 0.2774,
0.3102

■ 18.5234, 0.2470,
0.2923

■ 161.5988, 0.2799,
0.3116

■ 11.3264, 0.2361,
0.2854

■ 199.8933, 0.2821,
0.3129

■ 6.2868, 0.2210,
0.2756

■ 243.8047, 0.2840,
0.3139

■ 3.0203, 0.1988,
0.2603

■ 293.7174, 0.2857,

■ 1.1423, 0.1634,

0.3148

0.2340

350.0160, 0.2872,
0.3157

0.0138, 0.0000,
0.0128

0.0000, 0.0000,
0.0000

56.9027, 0.2667,
0.3041

56.9027, 0.2667,
0.3041

51.6831, 0.2523,
0.2944

62.6840, 0.2818,
0.3131

46.9935, 0.2388,
0.2840

69.0431, 0.2972,
0.3214

42.8093, 0.2268,
0.2732

76.0039, 0.3126,
0.3289

39.1003, 0.2164,
0.2621

83.5865, 0.3278,
0.3357

■ 35.8326, 0.2079,
0.2508

■ 88.6408, 0.3316,
0.3421

■ 32.9660, 0.2015,
0.2397

■ 92.6148, 0.3308,
0.3485

■ 30.4501, 0.1969,
0.2288

■ 96.7338, 0.3300,
0.3549

■ 98.2716, 0.3297,
0.3572

Harmonies

Analogous

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



56.9027, 0.2721, 0.3245



56.9027, 0.2667, 0.3041



56.9027, 0.2730, 0.2915

Triad

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



56.9027, 0.2667, 0.3041



56.9027, 0.3372, 0.3113



56.9027, 0.3349, 0.3721

Complementary

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



56.9027, 0.2667, 0.3041



50.4989, 0.3732, 0.3525

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.



56.9027, 0.3534, 0.3665



56.9027, 0.2667, 0.3041



56.9027, 0.3550, 0.3311

Square

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



56.9027, 0.2667, 0.3041



56.9027, 0.3131, 0.2961



56.9027, 0.3610, 0.3512



56.9027, 0.3109, 0.3652

Rectangle

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



56.9027, 0.2667, 0.3041



56.9027, 0.2832, 0.2886



56.9027, 0.3610, 0.3512



56.9027, 0.3420, 0.3716

Sweetspot

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



56.9050, 0.2667, 0.3041



91.6687, 0.2987, 0.3222



64.8567, 0.2972, 0.3912



19.3458, 0.2965, 0.3211



0.0000, 0.0000, 0.0000



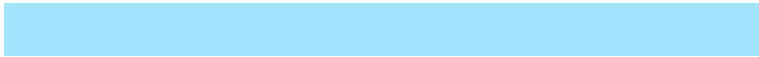
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9050, 0.2667, 0.3041



70.4997, 0.2577, 0.2982



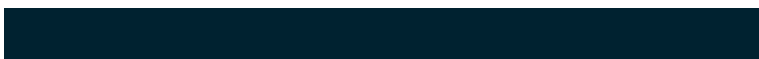
42.5591, 0.2618, 0.2608



14.8551, 0.2982, 0.3219



17.5852, 0.1974, 0.2305



1.3718, 0.2021, 0.2475

Inverse Universe

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



45.0910, 0.3337, 0.2749



53.1254, 0.3393, 0.2636



65.3688, 0.3624, 0.3890



13.8633, 0.3183, 0.3126



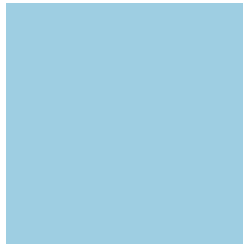
10.6833, 0.4121, 0.2044



0.7559, 0.3947, 0.1948

Previews

White Background



This preview shows how the Yxy color 56.9027, 0.2667, 0.3041 looks on a white background.

Color Contrast Check

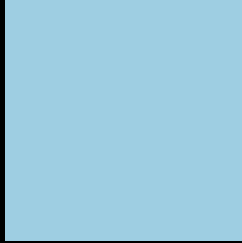
Large Text (above 18pt) WCAG AA × Fail

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 56.9027, 0.2667, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

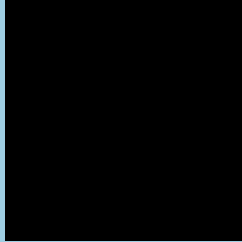
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9027, 0.2667, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 56.9027, 0.2667, 0.3041.



This preview shows how white text looks on a background with the Yxy color 56.9027, 0.2667, 0.3041.

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

56.9027, 0.2667, 0.3041

Protanopia

56.7019, 0.2949, 0.3019

Deuteranopia

56.4936, 0.2946, 0.2878



Tritanopia

56.6384, 0.2678, 0.3077

Trichromacy



Original Color

56.9027, 0.2667, 0.3041

Protanomaly

56.5276, 0.2843, 0.3025

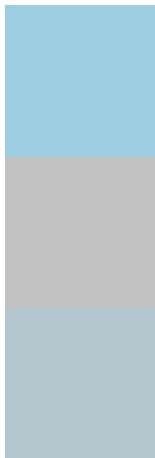
Deuteranomaly

56.5544, 0.2838, 0.2935

Tritanomaly

56.6925, 0.2672, 0.3065

Monochromacy



Original Color

56.9027, 0.2667, 0.3041

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6682, 0.2941, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9027, 0.2667, 0.3041 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(158, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(158, 206, 226)  
}
```

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(158, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 206, 226) }
```

Border

The CSS property to change the border of an element to Yxy 56.9027, 0.2667, 0.3041 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(158, 206, 226) }
```

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

```
.border{ border-color:rgb(158, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(158, 206,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9027, 0.2667, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 206, 226) }
```

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

```
.background{ background-color: rgb(158,  
206, 226) }
```

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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