

Converting Colors

$Yxy(60.5389, 0.2656, 0.3078)$

Have a look what the booklet for
Yxy(60.5389, 0.2656, 0.3078)
contains.

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Color

Yxy(60.5708, 0.2655, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	9ED5E6
RGB	158, 213, 230
RGB Percent	62%, 84%, 90%
CMY	0.3803, 0.1647, 0.0982
CMYK	0.31, 0.07, 0.00, 0.10
HSL	194°, 59%, 76%
HSV	194°, 31%, 90%
XYZ	52.1789, 60.5708, 83.7811
YIQ	198.4930, -38.2370, -6.3730

Conversions

Conversions Part 2

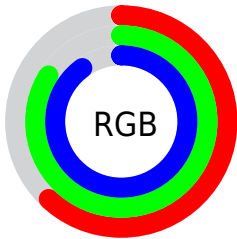
Format	Color
R _Y B	158, 189, 230
Decimal	10409446
CIE Lab	82.15, -13.64, -14.05
CIE LCh	82, 19.584, 225.845
Yxy	60.5708, 0.2655, 0.3082
Android (android.graphics.Color)	4288599526 (0xFF9ED5E6)
YUV	198.4930, 15.5330, -35.5124
Hunter-Lab	77.8272, -16.5231, -9.3467

Details

The Yxy color **60.5708, 0.2655, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9496, 0.3779, 0.3487**, and the grayscale version is **56.7131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.4528, 0.2542, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **55.7709, 0.2517, 0.3004**, and if you desaturate by 10%, it is **65.9032, 0.2801, 0.3155**.

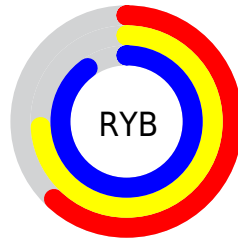
Distribution



Red (62%)

Green (84%)

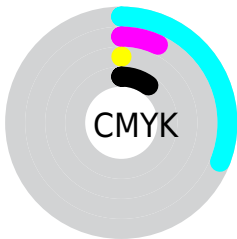
Blue (90%)



Red (62%)

Yellow (74%)

Blue (90%)

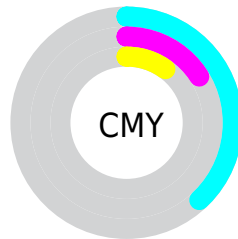


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (38%)


Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5708, 0.2655, 0.3082 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 60.5708, 0.2655, 0.3082 by changing the saturation by 10% instead.


 60.5708, 0.2655,
0.3082


 60.5708, 0.2655,
0.3082


426.6985, 0.2877,
0.3185

 43.8789, 0.2604,
0.3057


 105.6572, 0.2733,
0.3119

 30.5753, 0.2540,
0.3025


 134.8206, 0.2763,
0.3133

 20.2757, 0.2458,
0.2983


168.9098, 0.2788,
0.3145

 12.5956, 0.2351,
0.2926

208.3093, 0.2811,
0.3155

 7.1507, 0.2205,
0.2844

253.4036, 0.2830,
0.3164

 3.5565, 0.1992,
0.2718

304.5769, 0.2848,

 1.4287, 0.1662,

0.3172

0.2500

362.2138, 0.2863,
0.3179

0.2377, 0.0000,
0.1578

0.0000, 0.0000,
0.0000

60.5708, 0.2655,
0.3082

60.5708, 0.2655,
0.3082

55.7709, 0.2517,
0.3004

65.9032, 0.2801,
0.3155

51.4710, 0.2391,
0.2922

71.7842, 0.2953,
0.3222

47.6459, 0.2281,
0.2837

78.2380, 0.3107,
0.3283

44.2646, 0.2188,
0.2749

85.2852, 0.3261,
0.3338

■ 41.2920, 0.2114,
0.2661

■ 89.3656, 0.3290,
0.3390

■ 38.6859, 0.2061,
0.2573

■ 92.6099, 0.3284,
0.3443

■ 36.6529, 0.2027,
0.2498

■ 95.9504, 0.3278,
0.3494

■ 98.4915, 0.3274,
0.3533

Harmonies

Analogous

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



60.5708, 0.2741, 0.3306



60.5708, 0.2655, 0.3082



60.5708, 0.2688, 0.2927

Triad

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



60.5708, 0.2655, 0.3082



60.5708, 0.3318, 0.3060



60.5708, 0.3415, 0.3733

Complementary

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



60.5708, 0.2655, 0.3082



49.9496, 0.3779, 0.3487

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.



60.5708, 0.3581, 0.3643



60.5708, 0.2655, 0.3082



60.5708, 0.3526, 0.3255

Square

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



60.5708, 0.2655, 0.3082



60.5708, 0.3063, 0.2922



60.5708, 0.3624, 0.3466



60.5708, 0.3175, 0.3697

Rectangle

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



60.5708, 0.2655, 0.3082



60.5708, 0.2775, 0.2879



60.5708, 0.3624, 0.3466



60.5708, 0.3482, 0.3715

Sweetspot

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



60.5732, 0.2655, 0.3082



92.4985, 0.2988, 0.3236



66.9378, 0.2987, 0.3989



19.5510, 0.2965, 0.3227



0.0000, 0.0000, 0.0000



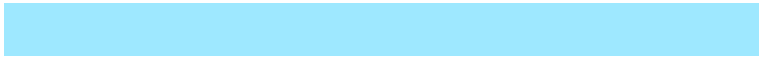
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5732, 0.2655, 0.3082



72.2923, 0.2558, 0.3029



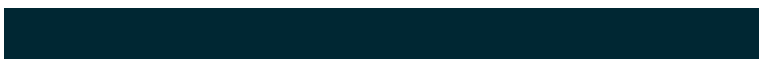
44.5147, 0.2601, 0.2622



15.7298, 0.2981, 0.3233



20.9536, 0.2031, 0.2511



1.6880, 0.2066, 0.2638

Inverse Universe

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



46.0880, 0.3310, 0.2683



51.5821, 0.3362, 0.2548



65.7709, 0.3658, 0.3878



14.5540, 0.3174, 0.3112



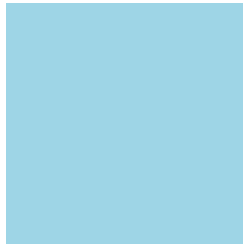
11.3130, 0.3911, 0.1928



0.8501, 0.3787, 0.1860

Previews

White Background



This preview shows how the Yxy color 60.5708, 0.2655, 0.3082 looks on a white background.

Color Contrast Check

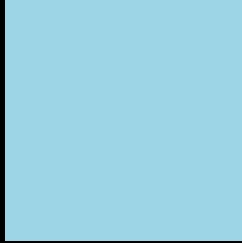
Large Text (above 18pt) WCAG AA × Fail

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 60.5708, 0.2655, 0.3082 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 60.5708, 0.2655, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 60.5708, 0.2655, 0.3082.



This preview shows how white text looks on a background with the Yxy color 60.5708, 0.2655, 0.3082.

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

60.5708, 0.2655, 0.3082

Protanopia

60.1253, 0.2981, 0.3048

Deuteranopia

60.4317, 0.2972, 0.2910



Tritanopia

60.5708, 0.2655, 0.3082

Trichromacy



Original Color

60.5708, 0.2655, 0.3082

Protanomaly

60.0727, 0.2849, 0.3054

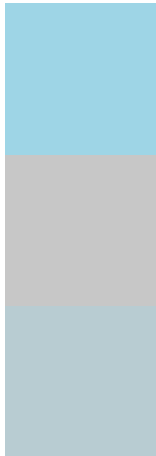
Deuteranomaly

60.0883, 0.2845, 0.2965

Tritanomaly

60.5708, 0.2655, 0.3082

Monochromacy



Original Color

60.5708, 0.2655, 0.3082

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0292, 0.2937, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5708, 0.2655, 0.3082 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, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(158, 213, 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(158, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 213, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.5708, 0.2655, 0.3082 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, 213, 230) }
```

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

```
.border{ border-color:rgb(158, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(158, 213,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5708, 0.2655, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 213, 230) }
```

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

```
.background{ background-color: rgb(158,  
213, 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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