

Converting Colors

$Yxy(59.7676, 0.2753, 0.3038)$

Have a look what the booklet for
Yxy(59.7676, 0.2753, 0.3038)
contains.

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Color

Yxy(59.7676, 0.2753, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	AED0E5
RGB	174, 208, 229
RGB Percent	68%, 82%, 90%
CMY	0.3175, 0.1843, 0.1020
CMYK	0.24, 0.09, 0.00, 0.10
HSL	203°, 51%, 79%
HSV	203°, 24%, 90%
XYZ	54.1607, 59.7676, 82.8051
YIQ	200.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

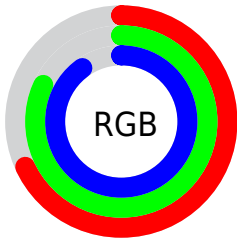
Format	Color
RYB	174, 195, 229
Decimal	11456741
CIELab	81.71, -6.64, -14.09
CIELCh	82, 15.576, 244.747
Yxy	59.7676, 0.2753, 0.3038
Android (android.graphics.Color)	4289646821 (0xFFAED0E5)
YUV	200.2280, 14.1846, -23.0020
Hunter-Lab	77.3095, -10.2399, -9.3880

Details

The Yxy color **59.7676, 0.2753, 0.3038** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7654, 0.3572, 0.3529**, and the grayscale version is **57.8359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **30.1603, 0.2653, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **53.2091, 0.2598, 0.2915**, and if you desaturate by 10%, it is **67.0148, 0.2910, 0.3150**.

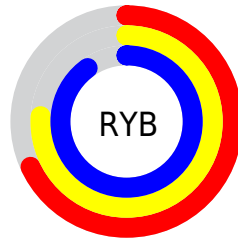
Distribution



Red (68%)

Green (82%)

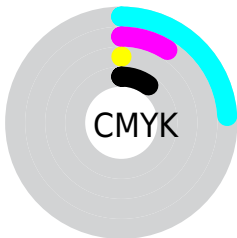
Blue (90%)



Red (68%)

Yellow (76%)

Blue (90%)

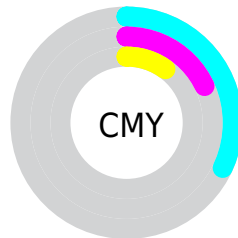


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (32%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7676, 0.2753, 0.3038 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 59.7676, 0.2753, 0.3038 by changing the saturation by 10% instead.

■ 59.7676, 0.2753,
0.3038

■ 59.7676, 0.2753,
0.3038

423.7406, 0.2930,
0.3160

■ 43.2313, 0.2712,
0.3009

■ 104.4925, 0.2815,
0.3081

■ 30.0667, 0.2660,
0.2972

133.4499, 0.2839,
0.3098

■ 19.8892, 0.2594,
0.2924

167.3164, 0.2860,
0.3112

■ 12.3145, 0.2507,
0.2860

206.4766, 0.2878,
0.3124

■ 6.9583, 0.2385,
0.2769

251.3147, 0.2893,
0.3135

■ 3.4360, 0.2207,
0.2632

302.2151, 0.2907,

■ 1.3634, 0.1922,

0.3144

0.2401

359.5623, 0.2919,
0.3153

0.1895, 0.0126,
0.1337

0.0000, 0.0000,
0.0000

59.7676, 0.2753,
0.3038

59.7676, 0.2753,
0.3038

53.2091, 0.2598,
0.2915

67.0148, 0.2910,
0.3150

47.3056, 0.2448,
0.2783

74.9682, 0.3066,
0.3252

42.0309, 0.2307,
0.2643

83.6536, 0.3218,
0.3344

37.3538, 0.2180,
0.2497

91.0182, 0.3293,
0.3428

■ 33.2396, 0.2070,
0.2349

■ 96.3818, 0.3283,
0.3512

■ 29.6486, 0.1981,
0.2200

■ 98.4368, 0.3280,
0.3542

■ 26.5333, 0.1913,
0.2054

■ 24.8484, 0.1880,
0.1968

Harmonies

Analogous

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



59.7676, 0.2762, 0.3188



59.7676, 0.2753, 0.3038



59.7676, 0.2840, 0.2961

Triad

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



59.7676, 0.2753, 0.3038



59.7676, 0.3392, 0.3202



59.7676, 0.3241, 0.3635

Complementary

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



59.7676, 0.2753, 0.3038



58.7654, 0.3572, 0.3529

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.



59.7676, 0.3417, 0.3628



59.7676, 0.2753, 0.3038



59.7676, 0.3506, 0.3372

Square

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



59.7676, 0.2753, 0.3038



59.7676, 0.3206, 0.3056



59.7676, 0.3515, 0.3529



59.7676, 0.3040, 0.3542

Rectangle

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



59.7676, 0.2753, 0.3038



59.7676, 0.2943, 0.2957



59.7676, 0.3515, 0.3529



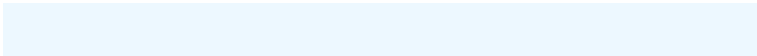
59.7676, 0.3305, 0.3644

Sweetspot

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



59.7700, 0.2753, 0.3038



92.4949, 0.3019, 0.3222



68.9430, 0.2974, 0.3712



19.6638, 0.3009, 0.3216



0.0000, 0.0000, 0.0000



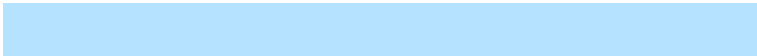
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7700, 0.2753, 0.3038



71.8452, 0.2672, 0.2976



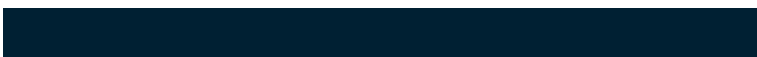
47.8603, 0.2725, 0.2706



15.3626, 0.2981, 0.3198



14.4476, 0.1886, 0.1990



1.2458, 0.1945, 0.2201

Inverse Universe

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



51.5008, 0.3327, 0.2912



59.8597, 0.3382, 0.2827



71.7810, 0.3506, 0.3814



14.5170, 0.3196, 0.3146



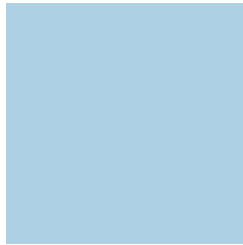
10.6562, 0.4464, 0.2233



0.8054, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 59.7676, 0.2753, 0.3038 looks on a white background.

Color Contrast Check

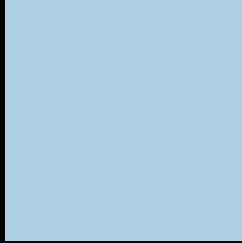
Large Text (above 18pt) WCAG AA × Fail

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 59.7676, 0.2753, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

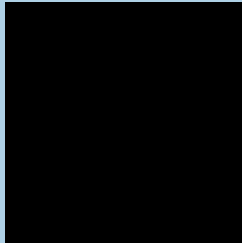
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7676, 0.2753, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 59.7676, 0.2753, 0.3038.



This preview shows how white text looks on a background with the Yxy color 59.7676, 0.2753, 0.3038.

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

59.7676, 0.2753, 0.3038

Protanopia

59.4889, 0.2953, 0.3013

Deuteranopia

59.7130, 0.2978, 0.2919



Tritanopia

59.9214, 0.2771, 0.3096

Trichromacy



Original Color

59.7676, 0.2753, 0.3038

Protanomaly

59.7531, 0.2883, 0.3032

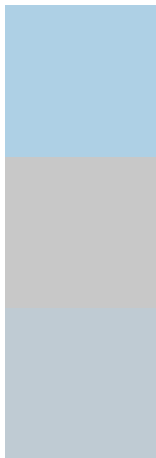
Deuteranomaly

59.6900, 0.2891, 0.2967

Tritanomaly

59.9762, 0.2765, 0.3085

Monochromacy



Original Color

59.7676, 0.2753, 0.3038

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.4914, 0.2981, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7676, 0.2753, 0.3038 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(174, 208, 229)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 229)  
}
```

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(174, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 229) }
```

Border

The CSS property to change the border of an element to Yxy 59.7676, 0.2753, 0.3038 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(174, 208, 229) }
```

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

```
.border{ border-color:rgb(174, 208, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 208, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 229);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7676, 0.2753, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 229) }
```

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

```
.background{ background-color: rgb(174,  
208, 229) }
```

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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