

Converting Colors

$Yxy(59.3294, 0.2776, 0.3078)$

Have a look what the booklet for
Yxy(59.3294, 0.2776, 0.3078)
contains.

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Color

$\text{Yxy}(59.5467, 0.2777, 0.3084)$

Conversions

Conversions Part 1

Format	Color
Hex	AED0E1
RGB	174, 208, 225
RGB Percent	68%, 82%, 88%
CMY	0.3173, 0.1844, 0.1176
CMYK	0.23, 0.08, 0.00, 0.12
HSL	200°, 46%, 78%
HSV	200°, 23%, 88%
XYZ	53.6191, 59.5467, 79.9169
YIQ	199.7720, -25.7210, -1.9210

Conversions

Conversions Part 2

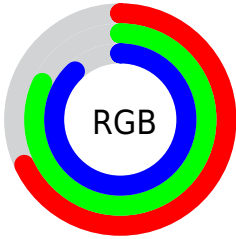
Format	Color
RYB	174, 194, 225
Decimal	11456737
CIELab	81.59, -7.51, -12.15
CIElCh	82, 14.283, 238.268
Yxy	59.5467, 0.2777, 0.3084
Android (android.graphics.Color)	4289646817 (0xFFAED0E1)
YUV	199.7720, 12.4374, -22.6020
Hunter-Lab	77.1665, -11.0109, -7.3867

Details

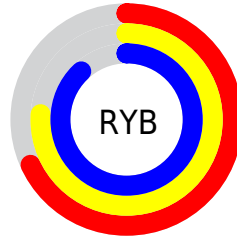
The Yxy color **59.5467, 0.2777, 0.3084** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3903, 0.3548, 0.3487**, and the grayscale version is **57.5566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **30.0784, 0.2691, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **53.5914, 0.2625, 0.2979**, and if you desaturate by 10%, it is **66.1141, 0.2932, 0.3181**.

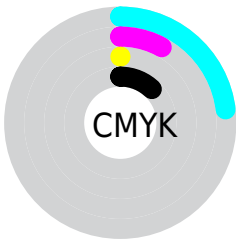
Distribution



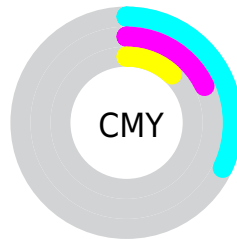
- Red (68%)
- Green (82%)
- Blue (88%)



- Red (68%)
- Yellow (76%)
- Blue (88%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5467, 0.2777, 0.3084 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 59.5467, 0.2777, 0.3084 by changing the saturation by 10% instead.

■ 59.5467, 0.2777,
0.3084

■ 59.5467, 0.2777,
0.3084

422.9249, 0.2943,
0.3184

■ 43.0534, 0.2738,
0.3060

■ 104.1718, 0.2835,
0.3120

■ 29.9270, 0.2690,
0.3029

133.0724, 0.2858,
0.3133

■ 19.7832, 0.2627,
0.2990

166.8775, 0.2877,
0.3145

■ 12.2375, 0.2545,
0.2936

205.9715, 0.2894,
0.3155

■ 6.9057, 0.2430,
0.2859

250.7389, 0.2908,
0.3164

■ 3.4032, 0.2260,
0.2742

301.5640, 0.2921,

■ 1.3457, 0.1986,

0.3171

0.2541

358.8312, 0.2933,
0.3178

0.1762, 0.0000,
0.1445

0.0000, 0.0000,
0.0000

59.5467, 0.2777,
0.3084

59.5467, 0.2777,
0.3084

53.5914, 0.2625,
0.2979

66.1141, 0.2932,
0.3181

48.2171, 0.2479,
0.2865

73.3089, 0.3087,
0.3268

43.4003, 0.2343,
0.2745

81.1544, 0.3239,
0.3347

39.1128, 0.2220,
0.2619

87.9036, 0.3324,
0.3420

■ 35.3232, 0.2115,
0.2491

■ 92.3824, 0.3315,
0.3492

■ 31.9957, 0.2030,
0.2362

■ 97.0469, 0.3306,
0.3564

■ 29.0875, 0.1965,
0.2234

■ 98.2175, 0.3303,
0.3581

■ 27.1641, 0.1928,
0.2142

Harmonies

Analogous

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



59.5467, 0.2805, 0.3233



59.5467, 0.2777, 0.3084



59.5467, 0.2839, 0.2996

Triad

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



59.5467, 0.2777, 0.3084



59.5467, 0.3337, 0.3177



59.5467, 0.3271, 0.3613

Complementary

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



59.5467, 0.2777, 0.3084



56.3903, 0.3548, 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.



59.5467, 0.3420, 0.3587



59.5467, 0.2777, 0.3084



59.5467, 0.3460, 0.3332

Square

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



59.5467, 0.2777, 0.3084



59.5467, 0.3160, 0.3052



59.5467, 0.3490, 0.3482



59.5467, 0.3087, 0.3546

Rectangle

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



59.5467, 0.2777, 0.3084



59.5467, 0.2924, 0.2981



59.5467, 0.3490, 0.3482



59.5467, 0.3327, 0.3615

Sweetspot

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



59.5491, 0.2777, 0.3084



93.0187, 0.3019, 0.3231



66.6364, 0.2993, 0.3706



19.7852, 0.3009, 0.3226



0.0000, 0.0000, 0.0000



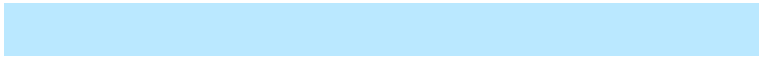
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5491, 0.2777, 0.3084



75.3702, 0.2707, 0.3037



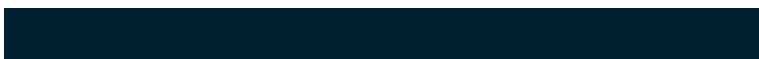
48.1406, 0.2753, 0.2766



14.7593, 0.2982, 0.3210



15.8732, 0.1934, 0.2161



1.2631, 0.1988, 0.2356

Inverse Universe

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



50.8717, 0.3293, 0.2908



62.2651, 0.3334, 0.2829



68.4565, 0.3487, 0.3765



13.8536, 0.3189, 0.3135



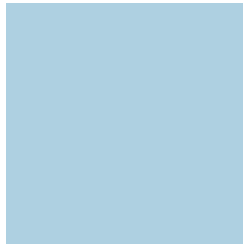
10.5104, 0.4274, 0.2128



0.7450, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 59.5467, 0.2777, 0.3084 looks on a white background.

Color Contrast Check

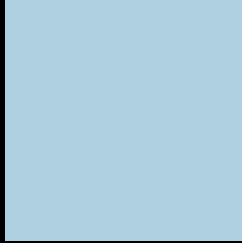
Large Text (above 18pt) WCAG AA × Fail

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 59.5467, 0.2777, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

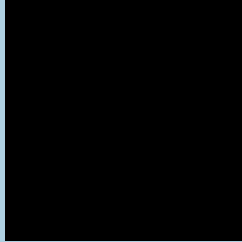
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

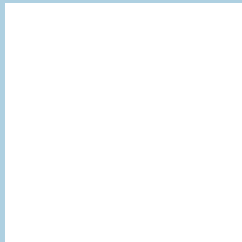
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5467, 0.2777, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 59.5467, 0.2777, 0.3084.



This preview shows how white text looks on a background with the Yxy color 59.5467, 0.2777, 0.3084.

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

59.5467, 0.2777, 0.3084

Protanopia

59.4113, 0.2987, 0.3058

Deuteranopia

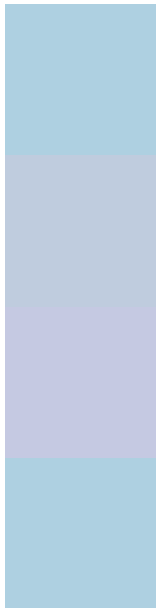
59.1802, 0.3013, 0.2952



Tritanopia

59.5467, 0.2777, 0.3084

Trichromacy



Original Color

59.5467, 0.2777, 0.3084

Protanomaly

59.5360, 0.2909, 0.3078

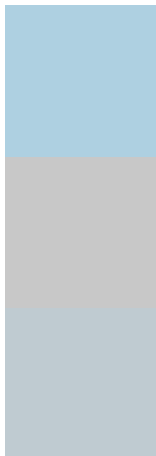
Deuteranomaly

59.1346, 0.2924, 0.3000

Tritanomaly

59.5467, 0.2777, 0.3084

Monochromacy



Original Color

59.5467, 0.2777, 0.3084

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3917, 0.2995, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5467, 0.2777, 0.3084 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 225) }
```

Border

The CSS property to change the border of an element to Yxy 59.5467, 0.2777, 0.3084 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, 225) }
```

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

```
.border{ border-color:rgb(174, 208, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 208, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 208, 225); box-shadow:4px 4px 4px 4px rgb(174, 208, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5467, 0.2777, 0.3084 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, 225) }
```

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

```
.background{ background-color: rgb(174,  
208, 225) }
```

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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