

Converting Colors

Yxy(59.0058, 0.2718, 0.2942)

Have a look what the booklet for
Yxy(59.0058, 0.2718, 0.2942)
contains.

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Color

Yxy(59.1394, 0.2715, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	AECEEB
RGB	174, 206, 235
RGB Percent	68%, 81%, 92%
CMY	0.3177, 0.1921, 0.0784
CMYK	0.26, 0.12, 0.00, 0.08
HSL	209°, 60%, 80%
HSV	209°, 26%, 92%
XYZ	54.5207, 59.1394, 87.1528
YIQ	199.7380, -28.3810, 2.2350

Conversions

Conversions Part 2

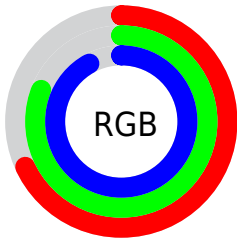
Format	Color
RYB	174, 195, 235
Decimal	11456235
CIELab	81.37, -4.25, -17.82
CIELCh	81, 18.320, 256.593
Yxy	59.1394, 0.2715, 0.2945
Android (android.graphics.Color)	4289646315 (0xFFAECEEB)
YUV	199.7380, 17.3842, -22.5722
Hunter-Lab	76.9021, -8.0290, -13.3615

Details

The Yxy color **59.1394, 0.2715, 0.2945** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4296, 0.3602, 0.3611**, and the grayscale version is **57.4932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **29.7042, 0.2613, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **51.4857, 0.2552, 0.2788**, and if you desaturate by 10%, it is **67.6524, 0.2877, 0.3089**.

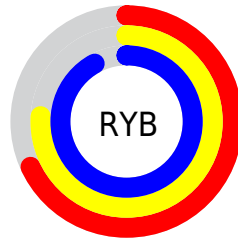
Distribution



Red (68%)

Green (81%)

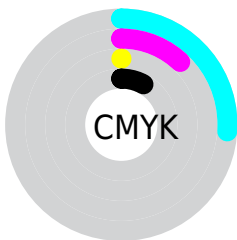
Blue (92%)



Red (68%)

Yellow (76%)

Blue (92%)

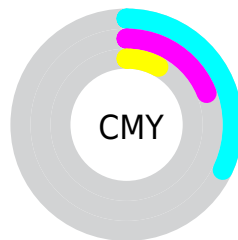


Cyan (26%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1394, 0.2715, 0.2945 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 59.1394, 0.2715, 0.2945 by changing the saturation by 10% instead.

■ 59.1394, 0.2715,
0.2945

■ 59.1394, 0.2715,
0.2945

421.4183, 0.2910,
0.3111

■ 42.7253, 0.2669,
0.2906

■ 103.5802, 0.2784,
0.3004

■ 29.6697, 0.2613,
0.2857

132.3758, 0.2810,
0.3026

■ 19.5880, 0.2540,
0.2793

166.0674, 0.2833,
0.3045

■ 12.0959, 0.2444,
0.2709

205.0393, 0.2852,
0.3062

■ 6.8090, 0.2311,
0.2590

249.6759, 0.2869,
0.3076

■ 3.3430, 0.2118,
0.2414

300.3617, 0.2885,

■ 1.3133, 0.1812,

0.3089

0.2128

357.4810, 0.2898,
0.3101

0.1515, 0.0240,
0.0904

0.0000, 0.0000,
0.0000

59.1394, 0.2715,
0.2945

59.1394, 0.2715,
0.2945

51.4857, 0.2552,
0.2788

67.6524, 0.2877,
0.3089

44.6517, 0.2393,
0.2618

77.0479, 0.3035,
0.3219

38.6047, 0.2242,
0.2439

87.3572, 0.3188,
0.3335

33.3067, 0.2104,
0.2253

96.0604, 0.3248,
0.3442

■ 28.7152, 0.1985,
0.2066

■ 98.7793, 0.3244,
0.3483

■ 24.7822, 0.1887,
0.1881

■ 21.4496, 0.1813,
0.1705

■ 20.2427, 0.1788,
0.1636

Harmonies

Analogous

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



59.1394, 0.2680, 0.3090



59.1394, 0.2715, 0.2945



59.1394, 0.2856, 0.2895

Triad

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



59.1394, 0.2715, 0.2945



59.1394, 0.3507, 0.3263



59.1394, 0.3167, 0.3670

Complementary

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



59.1394, 0.2715, 0.2945



63.4296, 0.3602, 0.3611

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.



59.1394, 0.3394, 0.3708



59.1394, 0.2715, 0.2945



59.1394, 0.3596, 0.3462

Square

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



59.1394, 0.2715, 0.2945



59.1394, 0.3313, 0.3077



59.1394, 0.3553, 0.3627



59.1394, 0.2935, 0.3518

Rectangle

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



59.1394, 0.2715, 0.2945



59.1394, 0.2995, 0.2918



59.1394, 0.3553, 0.3627



59.1394, 0.3246, 0.3697

Sweetspot

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



59.1418, 0.2715, 0.2945



90.3028, 0.3003, 0.3193



72.7108, 0.2927, 0.3677



18.9552, 0.2979, 0.3174



0.0000, 0.0000, 0.0000



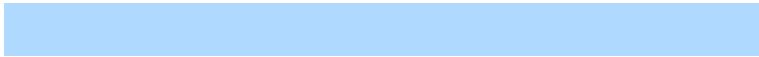
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1418, 0.2715, 0.2945



66.2901, 0.2631, 0.2865



46.0524, 0.2680, 0.2573



15.8570, 0.2981, 0.3175



11.5217, 0.1795, 0.1663



1.0972, 0.1863, 0.1905

Inverse Universe

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



52.3868, 0.3397, 0.2939



57.3230, 0.3467, 0.2866



78.9902, 0.3524, 0.3919



15.1861, 0.3211, 0.3167



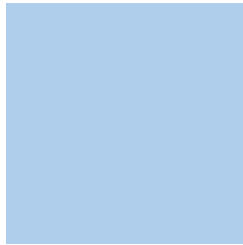
10.6559, 0.4852, 0.2446



0.8562, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 59.1394, 0.2715, 0.2945 looks on a white background.

Color Contrast Check

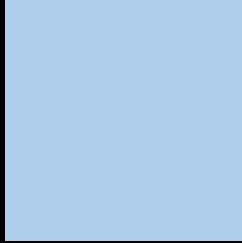
Large Text (above 18pt) WCAG AA × Fail

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 59.1394, 0.2715, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

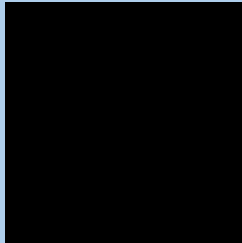
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

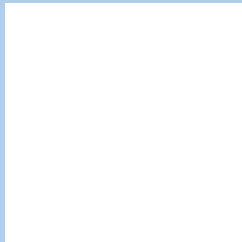
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1394, 0.2715, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 59.1394, 0.2715, 0.2945.



This preview shows how white text looks on a background with the Yxy color 59.1394, 0.2715, 0.2945.

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

59.1394, 0.2715, 0.2945

Protanopia

58.8138, 0.2884, 0.2932

Deuteranopia

58.8843, 0.2901, 0.2840



Tritanopia

59.2642, 0.2770, 0.3095

Trichromacy



Original Color

59.1394, 0.2715, 0.2945

Protanomaly

58.7586, 0.2823, 0.2939

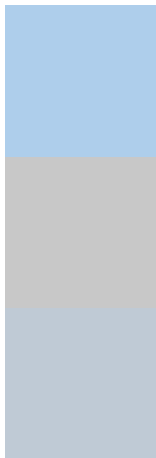
Deuteranomaly

58.7021, 0.2831, 0.2876

Tritanomaly

59.1113, 0.2751, 0.3037

Monochromacy



Original Color

59.1394, 0.2715, 0.2945

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.1215, 0.2968, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1394, 0.2715, 0.2945 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, 206, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 235)  
}
```

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, 206, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.1394, 0.2715, 0.2945 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, 206, 235) }
```

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

```
.border{ border-color:rgb(174, 206, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 206, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 206, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 206, 235); box-shadow:4px 4px 4px 4px rgb(174, 206, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1394, 0.2715, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 235) }
```

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

```
.background{ background-color: rgb(174,  
206, 235) }
```

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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