

Converting Colors

Yxy(57.9721, 0.2669, 0.2818)

Have a look what the booklet for
Yxy(57.9721, 0.2669, 0.2818)
contains.

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Color

Yxy(58.1816, 0.2666, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	AECBF3
RGB	174, 203, 243
RGB Percent	68%, 80%, 95%
CMY	0.3173, 0.2040, 0.0470
CMYK	0.28, 0.16, 0.00, 0.05
HSL	215°, 74%, 82%
HSV	215°, 28%, 95%
XYZ	55.0043, 58.1816, 93.1318
YIQ	198.8890, -30.1240, 6.2920

Conversions

Conversions Part 2

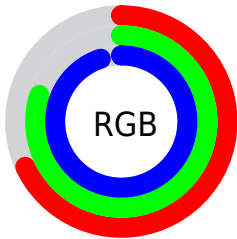
Format	Color
RYB	174, 194, 243
Decimal	11455475
CIELab	80.84, -0.74, -22.88
CIElCh	81, 22.897, 268.135
Yxy	58.1816, 0.2666, 0.2820
Android (android.graphics.Color)	4289645555 (0xFFAECBF3)
YUV	198.8890, 21.7467, -21.8277
Hunter-Lab	76.2769, -4.7657, -18.9976

Details

The Yxy color **58.1816, 0.2666, 0.2820** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.2679, 0.3635, 0.3718**, and the grayscale version is **56.9306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **29.0758, 0.2550, 0.2699** is the 20% darker color. If you saturate the color by 10%, you get **49.2743, 0.2494, 0.2621**, and if you desaturate by 10%, it is **68.2054, 0.2835, 0.3002**.

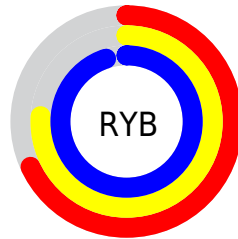
Distribution



Red (68%)

Green (80%)

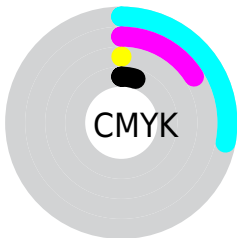
Blue (95%)



Red (68%)

Yellow (76%)

Blue (95%)

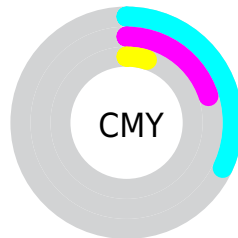


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1816, 0.2666, 0.2820 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 58.1816, 0.2666, 0.2820 by changing the saturation by 10% instead.

■ 58.1816, 0.2666,
0.2820

■ 58.1816, 0.2666,
0.2820

417.8623, 0.2885,
0.3044

■ 41.9547, 0.2615,
0.2768

■ 102.1873, 0.2743,
0.2899

■ 29.0658, 0.2551,
0.2703

130.7348, 0.2772,
0.2929

■ 19.1306, 0.2470,
0.2619

164.1579, 0.2798,
0.2955

■ 11.7647, 0.2363,
0.2509

202.8411, 0.2820,
0.2977

■ 6.5837, 0.2216,
0.2358

247.1688, 0.2839,
0.2997

■ 3.2031, 0.2003,
0.2138

297.5253, 0.2856,

■ 1.2387, 0.1675,

0.3014

0.1796

354.2950, 0.2871,
0.3030

0.0930, 0.0339,
0.0450

0.0000, 0.0000,
0.0000

58.1816, 0.2666,
0.2820

58.1816, 0.2666,
0.2820

49.2743, 0.2494,
0.2621

68.2054, 0.2835,
0.3002

41.4331, 0.2323,
0.2407

79.3793, 0.2998,
0.3166

34.6138, 0.2160,
0.2183

91.7442, 0.3152,
0.3313

28.7657, 0.2011,
0.1955

99.2516, 0.3197,
0.3405

■ 23.8327, 0.1882,
0.1729

■ 19.7506, 0.1779,
0.1516

■ 16.4359, 0.1703,
0.1320

■ 15.9500, 0.1692,
0.1290

Harmonies

Analogous

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



58.1816, 0.2571, 0.2954



58.1816, 0.2666, 0.2820



58.1816, 0.2883, 0.2809

Triad

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



58.1816, 0.2666, 0.2820



58.1816, 0.3668, 0.3349



58.1816, 0.3059, 0.3714

Complementary

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



58.1816, 0.2666, 0.2820



70.2679, 0.3635, 0.3718

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.



58.1816, 0.3356, 0.3819



58.1816, 0.2666, 0.2820



58.1816, 0.3716, 0.3589

Square

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



58.1816, 0.2666, 0.2820



58.1816, 0.3465, 0.3107



58.1816, 0.3599, 0.3766



58.1816, 0.2790, 0.3476

Rectangle

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



58.1816, 0.2666, 0.2820



58.1816, 0.3073, 0.2867



58.1816, 0.3599, 0.3766



58.1816, 0.3159, 0.3766

Sweetspot

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



58.1839, 0.2666, 0.2820



87.6929, 0.2987, 0.3156



77.9272, 0.2872, 0.3636



18.3659, 0.2964, 0.3133



0.0000, 0.0000, 0.0000



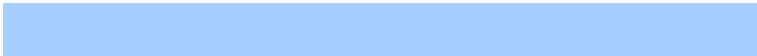
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1839, 0.2666, 0.2820



59.0717, 0.2568, 0.2708



46.3240, 0.2662, 0.2473



17.0684, 0.2980, 0.3149



9.0058, 0.1700, 0.1319



0.9899, 0.1768, 0.1563

Inverse Universe

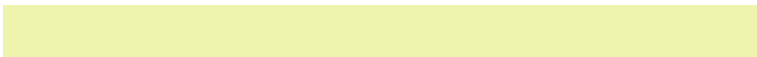
The Inverse Universe completely reimagines the original color for something new.



53.6737, 0.3492, 0.2980



53.7669, 0.3593, 0.2915



85.4155, 0.3524, 0.4008



16.5978, 0.3228, 0.3191



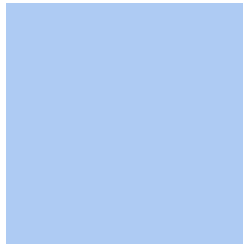
11.0085, 0.5300, 0.2694



0.9876, 0.4977, 0.2516

Previews

White Background



This preview shows how the Yxy color 58.1816, 0.2666, 0.2820 looks on a white background.

Color Contrast Check

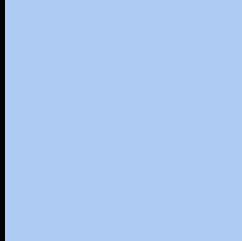
Large Text (above 18pt) WCAG AA × Fail

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 58.1816, 0.2666, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

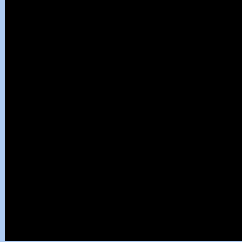
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

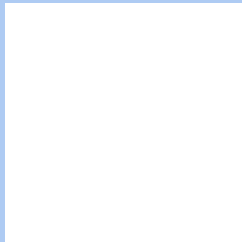
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1816, 0.2666, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 58.1816, 0.2666, 0.2820.



This preview shows how white text looks on a background with the Yxy color 58.1816, 0.2666, 0.2820.

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

58.1816, 0.2666, 0.2820

Protanopia

57.8859, 0.2797, 0.2808

Deuteranopia

58.0173, 0.2813, 0.2749



Tritanopia

58.0164, 0.2761, 0.3082

Trichromacy



Original Color

58.1816, 0.2666, 0.2820

Protanomaly

57.9737, 0.2745, 0.2815

Deuteranomaly

58.1973, 0.2753, 0.2775

Tritanomaly

58.0337, 0.2724, 0.2988

Monochromacy



Original Color

58.1816, 0.2666, 0.2820

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1620, 0.2947, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1816, 0.2666, 0.2820 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, 203, 243)` looks like.

```
.text, #text, p{  
    color:rgb(174, 203, 243)  
}
```

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, 203, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 203, 243) }
```

Border

The CSS property to change the border of an element to Yxy 58.1816, 0.2666, 0.2820 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, 203, 243) }
```

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

```
.border{ border-color:rgb(174, 203, 243) }
```

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

Here you see how a box with a 4 pixel rgb(174, 203, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 203, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 203, 243);  
box-shadow:4px 4px 4px 4px rgb(174, 203,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1816, 0.2666, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 203, 243) }
```

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

```
.background{ background-color: rgb(174,  
203, 243) }
```

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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