

Converting Colors

$Yxy(59.4790, 0.2556, 0.2723)$

Have a look what the booklet for
Yxy(59.4790, 0.2556, 0.2723)
contains.

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Color

Yxy(59.4696, 0.2556, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	A6CEFF
RGB	166, 206, 255
RGB Percent	65%, 81%, 100%
CMY	0.3492, 0.1921, 0.0000
CMYK	0.35, 0.19, 0.00, 0.00
HSL	213°, 100%, 83%
HSV	213°, 35%, 100%
XYZ	55.8429, 59.4696, 103.1651
YIQ	199.6260, -39.5690, 6.7590

Conversions

Conversions Part 2

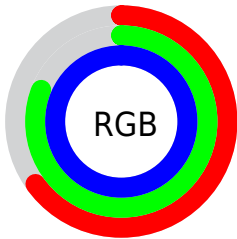
Format	Color
R _Y B	166, 194, 255
Decimal	10931967
CIE Lab	81.55, -1.70, -28.25
CIE LCh	82, 28.299, 266.564
Yxy	59.4696, 0.2556, 0.2722
Android (android.graphics.Color)	4289122047 (0xFFA6CEFF)
YUV	199.6260, 27.2994, -29.4900
Hunter-Lab	77.1165, -5.6956, -25.3355

Details

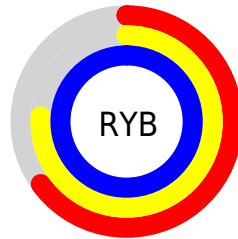
The Yxy color **59.4696, 0.2556, 0.2722** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.5836, 0.3786, 0.3795**, and the grayscale version is **57.3593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **29.9132, 0.2420, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **50.5266, 0.2388, 0.2524**, and if you desaturate by 10%, it is **69.5630, 0.2726, 0.2906**.

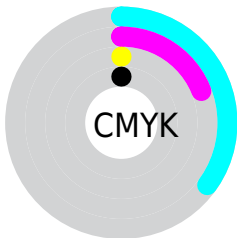
Distribution



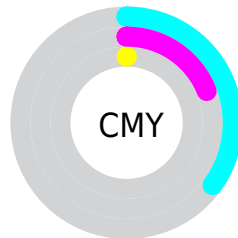
- Red (65%)
- Green (81%)
- Blue (100%)



- Red (65%)
- Yellow (76%)
- Blue (100%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4696, 0.2556, 0.2722 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 59.4696, 0.2556, 0.2722 by changing the saturation by 10% instead.

■ 59.4696, 0.2556,
0.2722

■ 59.4696, 0.2556,
0.2722

422.6400, 0.2824,
0.2990

■ 42.9913, 0.2494,
0.2660

■ 104.0599, 0.2649,
0.2816

■ 29.8783, 0.2418,
0.2583

■ 132.9406, 0.2686,
0.2852

■ 19.7462, 0.2322,
0.2486

166.7242, 0.2717,
0.2883

■ 12.2107, 0.2196,
0.2359

205.7952, 0.2744,
0.2910

■ 6.8873, 0.2027,
0.2186

250.5378, 0.2768,
0.2934

■ 3.3917, 0.1789,
0.1943

301.3366, 0.2789,

■ 1.3395, 0.1439,

0.2955

0.1581

358.5758, 0.2807,
0.2973

0.1715, 0.0403,
0.0568

0.0000, 0.0000,
0.0000

59.4696, 0.2556,
0.2722

59.4696, 0.2556,
0.2722

50.5266, 0.2388,
0.2524

69.5630, 0.2726,
0.2906

42.6840, 0.2225,
0.2315

80.8498, 0.2892,
0.3072

35.8903, 0.2074,
0.2098

93.3730, 0.3052,
0.3222

30.0878, 0.1942,
0.1881

100.0000, 0.3127,
0.3290

■ 25.2115, 0.1833,
0.1671

■ 21.1844, 0.1750,
0.1474

■ 19.4155, 0.1717,
0.1380

Harmonies

Analogous

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



59.4696, 0.2450, 0.2887



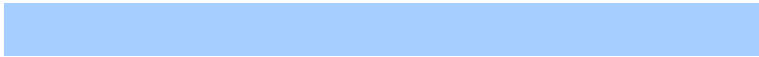
59.4696, 0.2556, 0.2722



59.4696, 0.2810, 0.2705

Triad

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



59.4696, 0.2556, 0.2722



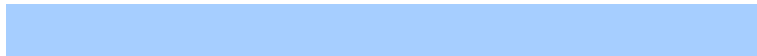
59.4696, 0.3783, 0.3340



59.4696, 0.3059, 0.3828

Complementary

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



59.4696, 0.2556, 0.2722



72.5836, 0.3786, 0.3795

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.



59.4696, 0.3421, 0.3945



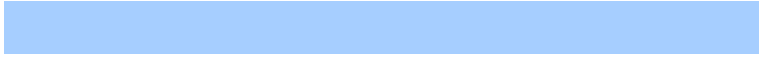
59.4696, 0.2556, 0.2722



59.4696, 0.3853, 0.3634

Square

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



59.4696, 0.2556, 0.2722



59.4696, 0.3525, 0.3051



59.4696, 0.3715, 0.3862



59.4696, 0.2728, 0.3536

Rectangle

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



59.4696, 0.2556, 0.2722



59.4696, 0.3039, 0.2771



59.4696, 0.3715, 0.3862



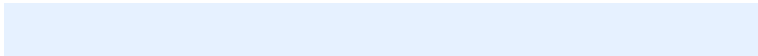
59.4696, 0.3181, 0.3890

Sweetspot

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



59.4702, 0.2556, 0.2722



86.8538, 0.2971, 0.3148



84.5248, 0.2827, 0.3749



18.2166, 0.2949, 0.3127



0.0000, 0.0000, 0.0000



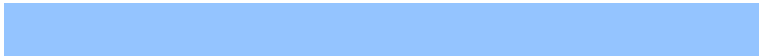
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4702, 0.2556, 0.2722



53.0218, 0.2436, 0.2584



43.0675, 0.2521, 0.2246



18.7233, 0.2979, 0.3156



10.4334, 0.1725, 0.1410



1.2303, 0.1786, 0.1627

Inverse Universe

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



52.9728, 0.3585, 0.2877



46.3975, 0.3719, 0.2792



94.6968, 0.3625, 0.4173



18.1229, 0.3223, 0.3184



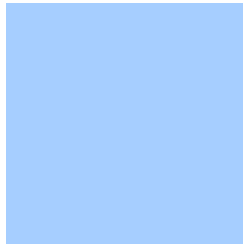
11.7812, 0.5177, 0.2626



1.1687, 0.4896, 0.2471

Previews

White Background



This preview shows how the Yxy color 59.4696, 0.2556, 0.2722 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 59.4696, 0.2556, 0.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

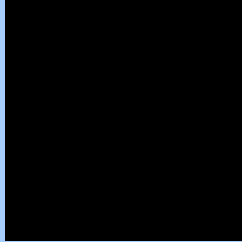
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

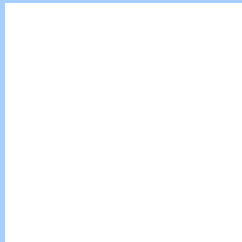
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4696, 0.2556, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 59.4696, 0.2556, 0.2722.



This preview shows how white text looks on a background with the Yxy color 59.4696, 0.2556, 0.2722.

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

59.4696, 0.2556, 0.2722

Protanopia

59.2207, 0.2719, 0.2715

Deuteranopia

59.0775, 0.2720, 0.2656



Tritanopia

59.5609, 0.2669, 0.3081

Trichromacy



Original Color

59.4696, 0.2556, 0.2722

Protanomaly

59.0931, 0.2658, 0.2719

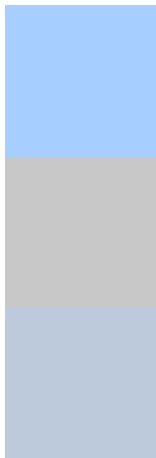
Deuteranomaly

59.1836, 0.2658, 0.2680

Tritanomaly

59.4554, 0.2628, 0.2941

Monochromacy



Original Color

59.4696, 0.2556, 0.2722

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0997, 0.2900, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4696, 0.2556, 0.2722 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(166, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 206, 255)  
}
```

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(166, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.4696, 0.2556, 0.2722 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(166, 206, 255) }
```

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

```
.border{ border-color:rgb(166, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4696, 0.2556, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 206, 255) }
```

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

```
.background{ background-color: rgb(166,  
206, 255) }
```

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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