

Converting Colors

$Yxy(59.1537, 0.2605, 0.2697)$

Have a look what the booklet for
Yxy(59.1537, 0.2605, 0.2697)
contains.

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Color

Yxy(59.0458, 0.2605, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	AFCBFF
RGB	175, 203, 255
RGB Percent	69%, 80%, 100%
CMY	0.3139, 0.2038, 0.0001
CMYK	0.31, 0.20, 0.00, 0.00
HSL	219°, 100%, 84%
HSV	219°, 31%, 100%
XYZ	57.0740, 59.0458, 102.9741
YIQ	200.5560, -33.3800, 10.2360

Conversions

Conversions Part 2

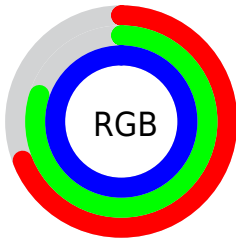
Format	Color
RYB	175, 196, 255
Decimal	11521023
CIELab	81.32, 2.36, -28.53
CIELCh	81, 28.625, 274.730
Yxy	59.0458, 0.2605, 0.2695
Android (android.graphics.Color)	4289711103 (0xFFAFCBFF)
YUV	200.5560, 26.8409, -22.4126
Hunter-Lab	76.8413, -1.8911, -25.6650

Details

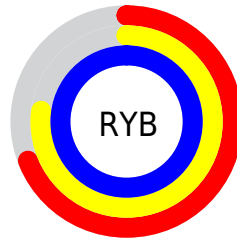
The Yxy color **59.0458, 0.2605, 0.2695** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.2392, 0.3683, 0.3820**, and the grayscale version is **57.9626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.5652, 0.2476, 0.2552** is the 20% darker color. If you saturate the color by 10%, you get **48.9645, 0.2426, 0.2465**, and if you desaturate by 10%, it is **70.5237, 0.2781, 0.2907**.

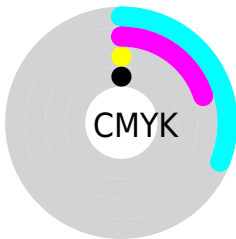
Distribution



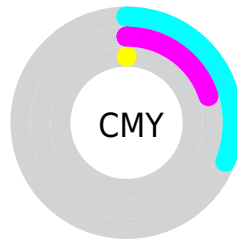
- Red (69%)
- Green (80%)
- Blue (100%)



- Red (69%)
- Yellow (77%)
- Blue (100%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0458, 0.2605, 0.2695 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 59.0458, 0.2605, 0.2695 by changing the saturation by 10% instead.

■ 59.0458, 0.2605,
0.2695

■ 59.0458, 0.2605,
0.2695

421.0716, 0.2852,
0.2974

■ 42.6500, 0.2548,
0.2631

■ 103.4442, 0.2691,
0.2792

■ 29.6106, 0.2477,
0.2552

132.2156, 0.2725,
0.2830

■ 19.5432, 0.2387,
0.2452

165.8810, 0.2753,
0.2862

■ 12.0634, 0.2270,
0.2321

204.8248, 0.2778,
0.2891

■ 6.7869, 0.2111,
0.2146

249.4314, 0.2800,
0.2915

■ 3.3292, 0.1885,
0.1899

300.0851, 0.2819,

■ 1.3059, 0.1548,

0.2937

0.1535

357.1704, 0.2836,
0.2957

0.1458, 0.0643,
0.0478

0.0000, 0.0000,
0.0000

59.0458, 0.2605,
0.2695

59.0458, 0.2605,
0.2695

48.9645, 0.2426,
0.2465

70.5237, 0.2781,
0.2907

40.2154, 0.2248,
0.2220

83.4452, 0.2949,
0.3098

32.7388, 0.2078,
0.1967

97.8635, 0.3106,
0.3268

26.4670, 0.1925,
0.1715

99.9984, 0.3127,
0.3290

■ 21.3248, 0.1797,
0.1474

■ 17.2259, 0.1698,
0.1255

■ 14.4329, 0.1636,
0.1091

Harmonies

Analogous

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



59.0458, 0.2454, 0.2821



59.0458, 0.2605, 0.2695



59.0458, 0.2896, 0.2718

Triad

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



59.0458, 0.2605, 0.2695



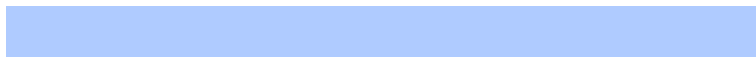
59.0458, 0.3833, 0.3424



59.0458, 0.2959, 0.3769

Complementary

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



59.0458, 0.2605, 0.2695



79.2392, 0.3683, 0.3820

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.



59.0458, 0.3328, 0.3943



59.0458, 0.2605, 0.2695



59.0458, 0.3845, 0.3711

Square

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



59.0458, 0.2605, 0.2695



59.0458, 0.3617, 0.3124



59.0458, 0.3655, 0.3911



59.0458, 0.2649, 0.3442

Rectangle

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



59.0458, 0.2605, 0.2695



59.0458, 0.3140, 0.2808



59.0458, 0.3655, 0.3911



59.0458, 0.3080, 0.3849

Sweetspot

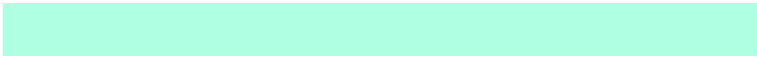
The Sweet Spot groups the original color and five complimentary colors.



59.0481, 0.2605, 0.2695



86.7623, 0.2987, 0.3140



86.0838, 0.2820, 0.3618



18.1374, 0.2964, 0.3114



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.



59.0481, 0.2605, 0.2695



52.2346, 0.2486, 0.2545



48.2540, 0.2639, 0.2379



18.4197, 0.2979, 0.3131



7.7953, 0.1645, 0.1120



0.9549, 0.1707, 0.1345

Inverse Universe

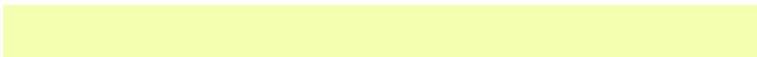
The Inverse Universe completely reimagines the original color for something new.



56.2112, 0.3594, 0.3000



49.5573, 0.3734, 0.2937



93.8851, 0.3530, 0.4097



18.0923, 0.3239, 0.3207



11.5149, 0.5581, 0.2848



1.1409, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 59.0458, 0.2605, 0.2695 looks on a white background.

Color Contrast Check

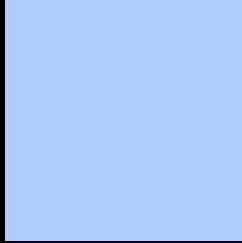
Large Text (above 18pt) WCAG AA × Fail

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 59.0458, 0.2605, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

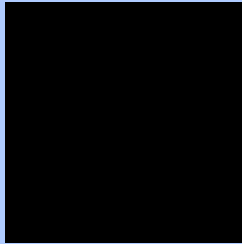
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

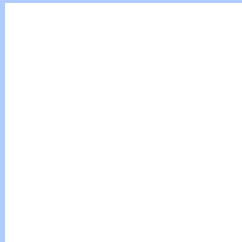
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0458, 0.2605, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 59.0458, 0.2605, 0.2695.



This preview shows how white text looks on a background with the Yxy color 59.0458, 0.2605, 0.2695.

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

59.0458, 0.2605, 0.2695

Protanopia

59.1556, 0.2707, 0.2704

Deuteranopia

58.9456, 0.2713, 0.2655



Tritanopia

58.8728, 0.2738, 0.3082

Trichromacy



Original Color

59.0458, 0.2605, 0.2695

Protanomaly

59.0555, 0.2670, 0.2700

Deuteranomaly

58.9677, 0.2670, 0.2671

Tritanomaly

58.8567, 0.2690, 0.2932

Monochromacy



Original Color

59.0458, 0.2605, 0.2695

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6680, 0.2922, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0458, 0.2605, 0.2695 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(175, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 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(175, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.0458, 0.2605, 0.2695 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(175, 203, 255) }
```

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

```
.border{ border-color:rgb(175, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 203, 255); box-shadow:4px 4px 4px 4px rgb(175, 203, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0458, 0.2605, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 255) }
```

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

```
.background{ background-color: rgb(175,  
203, 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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