

Converting Colors

$Yxy(60.1226, 0.2210, 0.2664)$

Have a look what the booklet for
Yxy(60.1226, 0.2210, 0.2664)
contains.

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Color

Yxy(59.2786, 0.2261, 0.2817)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5FD9FF |
| RGB | 95, 217, 255 |
| RGB Percent | 37%, 85%, 100% |
| CMY | 0.6279, 0.1490, 0.0000 |
| CMYK | 0.63, 0.15, 0.00, 0.00 |
| HSL | 194°, 100%, 69% |
| HSV | 194°, 63%, 100% |
| XYZ | 47.5786, 59.2786, 103.5745 |
| YIQ | 184.8540, -84.9100, -14.0460 |

Conversions

Conversions Part 2

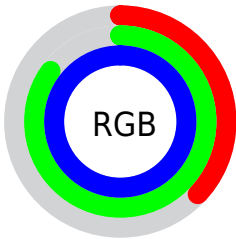
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 95, 164, 255 |
| Decimal | 6281727 |
| CIE Lab | 81.44, -23.02, -28.69 |
| CIE LCh | 81, 36.779, 231.260 |
| Yxy | 59.2786, 0.2261, 0.2817 |
| Android (android.graphics.Color) | 4284471807 (0xFF5FD9FF) |
| YUV | 184.8540, 34.5820, -78.8020 |
| Hunter-Lab | 76.9926, -24.4306, -25.8652 |

Details

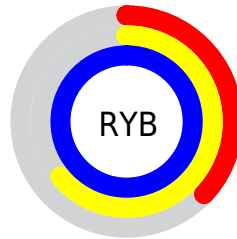
The Yxy color **59.2786, 0.2261, 0.2817** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **38.8289, 0.4871, 0.3660**, and the grayscale version is **48.2552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **29.9179, 0.2082, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **55.0680, 0.2171, 0.2729**, and if you desaturate by 10%, it is **64.0494, 0.2370, 0.2904**.

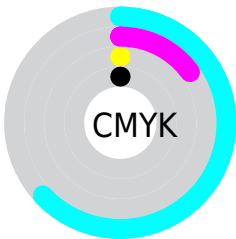
Distribution



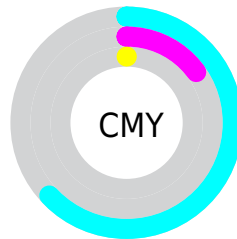
- Red (37%)
- Green (85%)
- Blue (100%)



- Red (37%)
- Yellow (64%)
- Blue (100%)



- Cyan (63%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (63%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2786, 0.2261, 0.2817 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 59.2786, 0.2261, 0.2817 by changing the saturation by 10% instead.


 59.2786, 0.2261,
0.2817


 59.2786, 0.2261,
0.2817

421.9336, 0.2660,
0.3052

 42.8374, 0.2172,
0.2760

 103.7825, 0.2398,
0.2901

 29.7576, 0.2063,
0.2689


 132.6140, 0.2452,
0.2933

 19.6547, 0.1927,
0.2596


 166.3444, 0.2498,
0.2960

 12.1443, 0.1754,
0.2472

205.3580, 0.2539,
0.2984

 6.8420, 0.1528,
0.2300

250.0394, 0.2575,
0.3004

 3.3635, 0.1228,
0.2049

300.7729, 0.2606,

 1.3243, 0.0809,

0.3022

0.1667

357.9428, 0.2634,
0.3038

■ 0.1599, 0.0000,
0.0547

■ 0.0000, 0.0000,
0.0000

■ 59.2786, 0.2261,
0.2817

■ 59.2786, 0.2261,
0.2817

■ 55.0680, 0.2171,
0.2729

■ 64.0494, 0.2370,
0.2904

■ 51.3719, 0.2101,
0.2639

■ 69.4220, 0.2494,
0.2988

■ 48.1337, 0.2051,
0.2551

■ 75.4324, 0.2631,
0.3068

■ 46.0228, 0.2024,
0.2488

■ 82.1134, 0.2777,
0.3142

■ 89.4957, 0.2929,
0.3211

■ 97.6074, 0.3084,
0.3274

■ 100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



59.2786, 0.2371, 0.3220



59.2786, 0.2261, 0.2817



59.2786, 0.2358, 0.2582

Triad

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



59.2786, 0.2261, 0.2817



59.2786, 0.3565, 0.2924



59.2786, 0.3577, 0.4146

Complementary

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



59.2786, 0.2261, 0.2817



38.8289, 0.4871, 0.3660

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.



59.2786, 0.3935, 0.3980



59.2786, 0.2261, 0.2817



59.2786, 0.3940, 0.3276

Square

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



59.2786, 0.2261, 0.2817



59.2786, 0.3083, 0.2660



59.2786, 0.4076, 0.3655



59.2786, 0.3114, 0.4051

Rectangle

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



59.2786, 0.2261, 0.2817



59.2786, 0.2531, 0.2531



59.2786, 0.4076, 0.3655



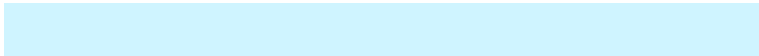
59.2786, 0.3714, 0.4115

Sweetspot

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



59.2782, 0.2261, 0.2817



84.8236, 0.2834, 0.3169



75.6204, 0.2891, 0.4897



17.7154, 0.2791, 0.3149



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.



59.2782, 0.2261, 0.2817



54.2067, 0.2154, 0.2709



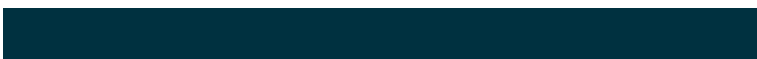
27.7076, 0.2015, 0.1756



19.7078, 0.2980, 0.3232



24.2899, 0.2029, 0.2502



2.5325, 0.2056, 0.2603

Inverse Universe

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



34.4364, 0.3581, 0.2132



29.5328, 0.3699, 0.1999



69.3246, 0.4265, 0.4418



18.2223, 0.3175, 0.3110



13.1800, 0.3920, 0.1933



1.3002, 0.3821, 0.1879

Previews

White Background



This preview shows how the Yxy color 59.2786, 0.2261, 0.2817 looks on a white background.

Color Contrast Check

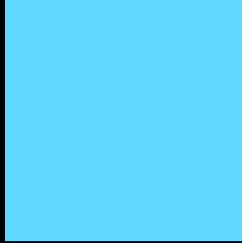
Large Text (above 18pt) WCAG AA × Fail

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 59.2786, 0.2261, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

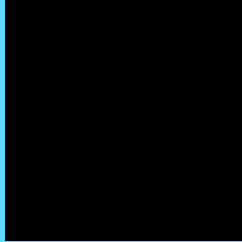
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2786, 0.2261, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 59.2786, 0.2261, 0.2817.



This preview shows how white text looks on a background with the Yxy color 59.2786, 0.2261, 0.2817.

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

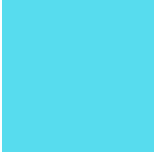
59.2786, 0.2261, 0.2817

Protanopia

58.4641, 0.2786, 0.2799

Deuteranopia

58.5553, 0.2694, 0.2652



Tritanopia

59.3857, 0.2313, 0.3056

Trichromacy



Original Color

59.2786, 0.2261, 0.2817



Protanomaly

58.0261, 0.2546, 0.2800



Deuteranomaly

57.8512, 0.2493, 0.2701



Tritanomaly

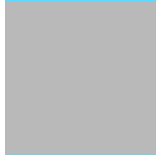
59.3683, 0.2295, 0.2970

Monochromacy



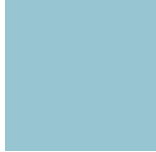
Original Color

59.2786, 0.2261, 0.2817



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.2610, 0.2711, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2786, 0.2261, 0.2817 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(95, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 217, 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(95, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.2786, 0.2261, 0.2817 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(95, 217, 255) }
```

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

```
.border{ border-color:rgb(95, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2786, 0.2261, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 217, 255) }
```

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

```
.background{ background-color: rgb(95, 217,  
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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