

Converting Colors

$Yxy(59.1883, 0.2566, 0.2712)$

Have a look what the booklet for
Yxy(59.1883, 0.2566, 0.2712)
contains.

Yxy(59.2075, 0.2566, 0.2712)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.2075, 0.2566, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	A8CDFF
RGB	168, 205, 255
RGB Percent	66%, 80%, 100%
CMY	0.3414, 0.1960, 0.0000
CMYK	0.34, 0.20, 0.00, 0.00
HSL	214°, 100%, 83%
HSV	214°, 34%, 100%
XYZ	56.0201, 59.2075, 103.0892
YIQ	199.6370, -38.1020, 7.7060

Conversions

Conversions Part 2

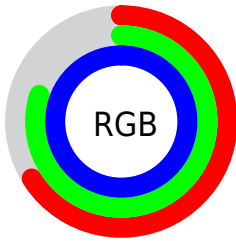
Format	Color
R _Y B	168, 194, 255
Decimal	11062783
CIE Lab	81.41, -0.63, -28.45
CIE LCh	81, 28.454, 268.722
Yxy	59.2075, 0.2566, 0.2712
Android (android.graphics.Color)	4289252863 (0xFFA8CDFF)
YUV	199.6370, 27.2940, -27.7456
Hunter-Lab	76.9464, -4.7011, -25.5715

Details

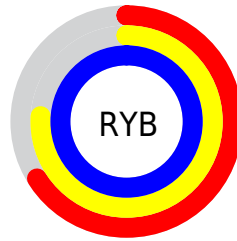
The Yxy color **59.2075, 0.2566, 0.2712** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.1854, 0.3762, 0.3804**, and the grayscale version is **57.3649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **29.7211, 0.2431, 0.2574** is the 20% darker color. If you saturate the color by 10%, you get **50.0008, 0.2395, 0.2506**, and if you desaturate by 10%, it is **69.6217, 0.2737, 0.2903**.

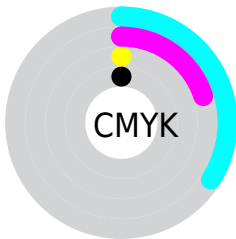
Distribution



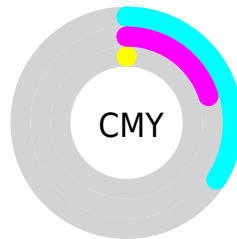
- Red (66%)
- Green (80%)
- Blue (100%)



- Red (66%)
- Yellow (76%)
- Blue (100%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2075, 0.2566, 0.2712 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 59.2075, 0.2566, 0.2712 by changing the saturation by 10% instead.

■ 59.2075, 0.2566,
0.2712

■ 59.2075, 0.2566,
0.2712

421.6704, 0.2830,
0.2984

■ 42.7802, 0.2505,
0.2649

■ 103.6792, 0.2658,
0.2807

■ 29.7127, 0.2430,
0.2571

132.4923, 0.2694,
0.2844

■ 19.6206, 0.2335,
0.2473

166.2029, 0.2724,
0.2876

■ 12.1196, 0.2211,
0.2344

205.1952, 0.2751,
0.2903

■ 6.8252, 0.2043,
0.2170

249.8538, 0.2774,
0.2927

■ 3.3530, 0.1807,
0.1924

300.5629, 0.2795,

■ 1.3187, 0.1459,

0.2949

0.1560

357.7070, 0.2813,
0.2967

0.1556, 0.0440,
0.0517

0.0000, 0.0000,
0.0000

59.2075, 0.2566,
0.2712

59.2075, 0.2566,
0.2712

50.0008, 0.2395,
0.2506

69.6217, 0.2737,
0.2903

41.9463, 0.2228,
0.2288

81.2850, 0.2904,
0.3076

34.9914, 0.2073,
0.2062

94.2430, 0.3064,
0.3231

29.0764, 0.1935,
0.1837

100.0000, 0.3127,
0.3290

■ 24.1343, 0.1822,
0.1618

■ 20.0863, 0.1736,
0.1416

■ 18.0739, 0.1696,
0.1306

Harmonies

Analogous

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



59.2075, 0.2448, 0.2868



59.2075, 0.2566, 0.2712



59.2075, 0.2831, 0.2705

Triad

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



59.2075, 0.2566, 0.2712



59.2075, 0.3800, 0.3362



59.2075, 0.3032, 0.3816

Complementary

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



59.2075, 0.2566, 0.2712



74.1854, 0.3762, 0.3804

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.



59.2075, 0.3398, 0.3948



59.2075, 0.2566, 0.2712



59.2075, 0.3855, 0.3656

Square

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



59.2075, 0.2566, 0.2712



59.2075, 0.3551, 0.3069



59.2075, 0.3703, 0.3878



59.2075, 0.2705, 0.3513

Rectangle

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



59.2075, 0.2566, 0.2712



59.2075, 0.3065, 0.2778



59.2075, 0.3703, 0.3878



59.2075, 0.3155, 0.3883

Sweetspot

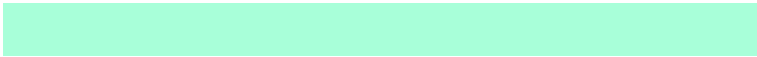
The Sweet Spot groups the original color and five complimentary colors.



59.2093, 0.2566, 0.2712



86.4932, 0.2971, 0.3142



84.8619, 0.2825, 0.3720



18.1295, 0.2949, 0.3120



0.0000, 0.0000, 0.0000



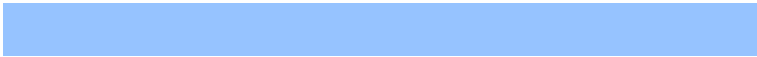
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2093, 0.2566, 0.2712



52.7678, 0.2448, 0.2572



44.1709, 0.2547, 0.2275



18.6497, 0.2979, 0.3150



9.7255, 0.1705, 0.1336



1.1582, 0.1766, 0.1557

Inverse Universe

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



53.6506, 0.3590, 0.2907



47.1558, 0.3724, 0.2829



94.5205, 0.3604, 0.4156



18.1155, 0.3227, 0.3189



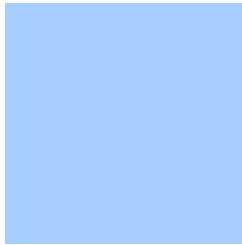
11.7098, 0.5277, 0.2681



1.1615, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 59.2075, 0.2566, 0.2712 looks on a white background.

Color Contrast Check

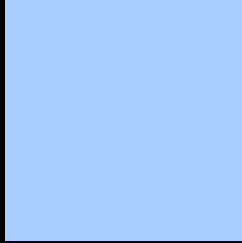
Large Text (above 18pt) WCAG AA × Fail

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 59.2075, 0.2566, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

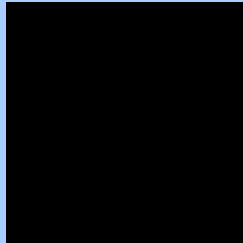
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

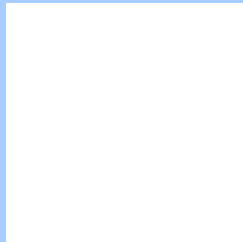
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2075, 0.2566, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 59.2075, 0.2566, 0.2712.



This preview shows how white text looks on a background with the Yxy color 59.2075, 0.2566, 0.2712.

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

59.2075, 0.2566, 0.2712

Protanopia

59.0924, 0.2713, 0.2714

Deuteranopia

58.9456, 0.2713, 0.2655



Tritanopia

59.2163, 0.2685, 0.3081

Trichromacy



Original Color

59.2075, 0.2566, 0.2712

Protanomaly

59.0931, 0.2658, 0.2719

Deuteranomaly

59.1836, 0.2658, 0.2680

Tritanomaly

59.1187, 0.2644, 0.2941

Monochromacy



Original Color

59.2075, 0.2566, 0.2712

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 59.2075, 0.2566, 0.2712 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(168, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 205, 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(168, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.2075, 0.2566, 0.2712 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(168, 205, 255) }
```

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

```
.border{ border-color:rgb(168, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 205, 255); box-shadow:4px 4px 4px 4px rgb(168, 205, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2075, 0.2566, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 205, 255) }
```

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

```
.background{ background-color: rgb(168,  
205, 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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