

Converting Colors

$Yxy(60.0384, 0.2582, 0.2895)$

Have a look what the booklet for
Yxy(60.0384, 0.2582, 0.2895)
contains.

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Color

Yxy(59.9352, 0.2586, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	9FD2F3
RGB	159, 210, 243
RGB Percent	62%, 82%, 95%
CMY	0.3761, 0.1765, 0.0470
CMYK	0.35, 0.14, 0.00, 0.05
HSL	204°, 78%, 79%
HSV	204°, 35%, 95%
XYZ	53.5380, 59.9352, 93.5569
YIQ	198.5130, -40.9890, -0.5490

Conversions

Conversions Part 2

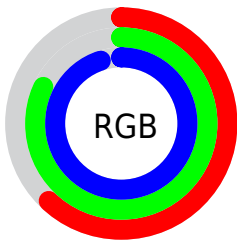
Format	Color
R _Y B	159, 191, 243
Decimal	10474227
CIE Lab	81.80, -8.63, -21.51
CIE LCh	82, 23.180, 248.134
Yxy	59.9352, 0.2586, 0.2895
Android (android.graphics.Color)	4288664307 (0xFF9FD2F3)
YUV	198.5130, 21.9321, -34.6529
Hunter-Lab	77.4178, -12.0403, -17.4575

Details

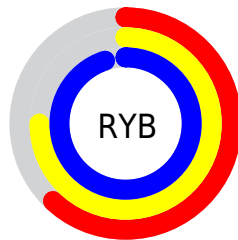
The Yxy color **59.9352, 0.2586, 0.2895** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.3222, 0.3823, 0.3652**, and the grayscale version is **56.6953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **30.3078, 0.2452, 0.2798** is the 20% darker color. If you saturate the color by 10%, you get **53.1076, 0.2435, 0.2758**, and if you desaturate by 10%, it is **67.5384, 0.2743, 0.3023**.

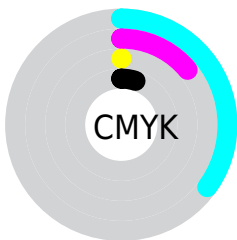
Distribution



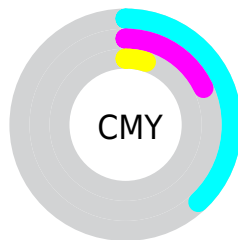
- Red (62%)
- Green (82%)
- Blue (95%)



- Red (62%)
- Yellow (75%)
- Blue (95%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9352, 0.2586, 0.2895 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 59.9352, 0.2586, 0.2895 by changing the saturation by 10% instead.

■ 59.9352, 0.2586,
0.2895

■ 59.9352, 0.2586,
0.2895

■ 424.3589, 0.2840,
0.3086

■ 43.3664, 0.2528,
0.2850

■ 104.7357, 0.2675,
0.2962

■ 30.1727, 0.2455,
0.2793

■ 133.7361, 0.2709,
0.2988

■ 19.9697, 0.2363,
0.2720

■ 167.6493, 0.2738,
0.3010

■ 12.3730, 0.2243,
0.2623

■ 206.8595, 0.2764,
0.3030

■ 6.9983, 0.2080,
0.2488

■ 251.7511, 0.2786,
0.3046

■ 3.4610, 0.1848,
0.2289

■ 302.7087, 0.2806,

■ 1.3769, 0.1498,

0.3061

0.1972

360.1164, 0.2824,
0.3074

0.1996, 0.0000,
0.0934

0.0000, 0.0000,
0.0000

59.9352, 0.2586,
0.2895

59.9352, 0.2586,
0.2895

53.1076, 0.2435,
0.2758

67.5384, 0.2743,
0.3023

47.0148, 0.2293,
0.2612

75.9414, 0.2901,
0.3140

41.6226, 0.2165,
0.2461

85.1755, 0.3057,
0.3246

36.8899, 0.2054,
0.2306

95.0206, 0.3202,
0.3341

■ 32.7700, 0.1965,
0.2153

■ 99.2524, 0.3197,
0.3405

■ 29.2063, 0.1897,
0.2002

■ 27.4504, 0.1867,
0.1922

Harmonies

Analogous

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



59.9352, 0.2583, 0.3103



59.9352, 0.2586, 0.2895



59.9352, 0.2725, 0.2802

Triad

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



59.9352, 0.2586, 0.2895



59.9352, 0.3548, 0.3184



59.9352, 0.3259, 0.3803

Complementary

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



59.9352, 0.2586, 0.2895



59.3222, 0.3823, 0.3652

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.



59.9352, 0.3530, 0.3802



59.9352, 0.2586, 0.2895



59.9352, 0.3704, 0.3432

Square

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



59.9352, 0.2586, 0.2895



59.9352, 0.3276, 0.2969



59.9352, 0.3696, 0.3659



59.9352, 0.2962, 0.3647

Rectangle

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



59.9352, 0.2586, 0.2895



59.9352, 0.2882, 0.2808



59.9352, 0.3696, 0.3659



59.9352, 0.3356, 0.3821

Sweetspot

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



59.9375, 0.2586, 0.2895



89.2421, 0.2972, 0.3189



75.2678, 0.2905, 0.3918



18.7943, 0.2950, 0.3174



0.0000, 0.0000, 0.0000



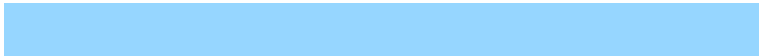
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9375, 0.2586, 0.2895



61.7608, 0.2486, 0.2806



42.1860, 0.2517, 0.2377



17.5989, 0.2980, 0.3195



15.3331, 0.1874, 0.1945



1.5476, 0.1925, 0.2131

Inverse Universe

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



48.5392, 0.3454, 0.2747



48.0636, 0.3539, 0.2644



79.9730, 0.3679, 0.4062



16.6513, 0.3198, 0.3147



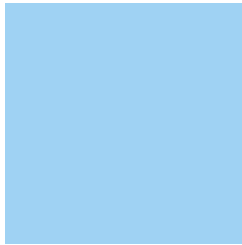
11.6473, 0.4515, 0.2261



1.0439, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 59.9352, 0.2586, 0.2895 looks on a white background.

Color Contrast Check

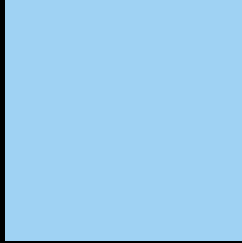
Large Text (above 18pt) WCAG AA × Fail

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 59.9352, 0.2586, 0.2895 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 59.9352, 0.2586, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 59.9352, 0.2586, 0.2895.



This preview shows how white text looks on a background with the Yxy color 59.9352, 0.2586, 0.2895.

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

59.9352, 0.2586, 0.2895

Protanopia

59.6235, 0.2846, 0.2879

Deuteranopia

59.3982, 0.2829, 0.2765



Tritanopia

59.8120, 0.2647, 0.3080

Trichromacy



Original Color

59.9352, 0.2586, 0.2895

Protanomaly

59.4850, 0.2748, 0.2883

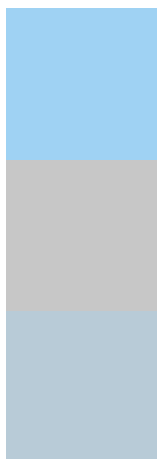
Deuteranomaly

59.2118, 0.2736, 0.2808

Tritanomaly

59.6971, 0.2624, 0.3009

Monochromacy



Original Color

59.9352, 0.2586, 0.2895

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8085, 0.2904, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9352, 0.2586, 0.2895 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(159, 210, 243)` looks like.

```
.text, #text, p{  
    color:rgb(159, 210, 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(159, 210, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 210, 243) }
```

Border

The CSS property to change the border of an element to Yxy 59.9352, 0.2586, 0.2895 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(159, 210, 243) }
```

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

```
.border{ border-color:rgb(159, 210, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 210, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 210, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 210, 243);  
box-shadow:4px 4px 4px 4px rgb(159, 210,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9352, 0.2586, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 210, 243) }
```

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

```
.background{ background-color: rgb(159,  
210, 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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