

Converting Colors

$Yxy(58.7899, 0.2632, 0.2929)$

Have a look what the booklet for
Yxy(58.7899, 0.2632, 0.2929)
contains.

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Color

Yxy(59.0713, 0.2633, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	A3D0EE
RGB	163, 208, 238
RGB Percent	64%, 82%, 93%
CMY	0.3606, 0.1843, 0.0666
CMYK	0.31, 0.13, 0.00, 0.07
HSL	204°, 69%, 79%
HSV	204°, 31%, 93%
XYZ	53.1017, 59.0713, 89.5044
YIQ	197.9650, -36.4500, -0.2100

Conversions

Conversions Part 2

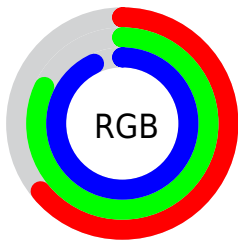
Format	Color
R _Y B	163, 191, 238
Decimal	10735854
CIE Lab	81.33, -7.72, -19.54
CIE LCh	81, 21.011, 248.435
Yxy	59.0713, 0.2633, 0.2929
Android (android.graphics.Color)	4288925934 (0xFFA3D0EE)
YUV	197.9650, 19.7373, -30.6643
Hunter-Lab	76.8579, -11.1743, -15.2454

Details

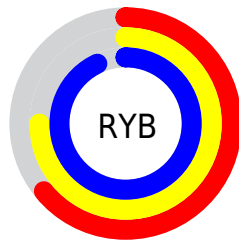
The Yxy color **59.0713, 0.2633, 0.2929** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.9994, 0.3745, 0.3624**, and the grayscale version is **56.3511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **29.7398, 0.2514, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **52.2827, 0.2479, 0.2792**, and if you desaturate by 10%, it is **66.6168, 0.2791, 0.3056**.

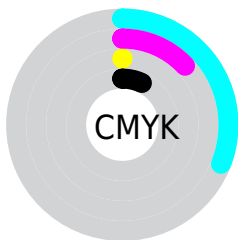
Distribution



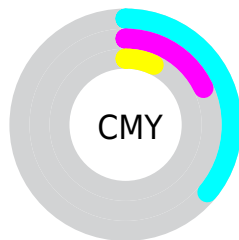
- Red (64%)
- Green (82%)
- Blue (93%)



- Red (64%)
- Yellow (75%)
- Blue (93%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0713, 0.2633, 0.2929 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 59.0713, 0.2633, 0.2929 by changing the saturation by 10% instead.

■ 59.0713, 0.2633,
0.2929

■ 59.0713, 0.2633,
0.2929

■ 421.1661, 0.2866,
0.3104

■ 42.6705, 0.2579,
0.2887

■ 103.4813, 0.2715,
0.2991

■ 29.6267, 0.2512,
0.2835

■ 132.2593, 0.2746,
0.3015

■ 19.5554, 0.2426,
0.2768

■ 165.9318, 0.2773,
0.3035

■ 12.0723, 0.2314,
0.2678

■ 204.8832, 0.2797,
0.3052

■ 6.7929, 0.2160,
0.2551

■ 249.4980, 0.2817,
0.3068

■ 3.3329, 0.1938,
0.2363

■ 300.1605, 0.2835,

■ 1.3079, 0.1596,

0.3081

357.2550, 0.2852,
0.3093

0.2058

0.1473, 0.0000,
0.0823

0.0000, 0.0000,
0.0000

59.0713, 0.2633,
0.2929

59.0713, 0.2633,
0.2929

52.2827, 0.2479,
0.2792

66.6168, 0.2791,
0.3056

46.2127, 0.2333,
0.2646

74.9415, 0.2949,
0.3171

40.8292, 0.2200,
0.2494

84.0751, 0.3104,
0.3275

36.0945, 0.2082,
0.2337

93.4207, 0.3234,
0.3369

■ 31.9658, 0.1985,
0.2180

■ 98.9541, 0.3226,
0.3454

■ 28.3925, 0.1910,
0.2026

■ 25.7256, 0.1861,
0.1899

Harmonies

Analogous

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



59.0713, 0.2629, 0.3119



59.0713, 0.2633, 0.2929



59.0713, 0.2762, 0.2843

Triad

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



59.0713, 0.2633, 0.2929



59.0713, 0.3512, 0.3196



59.0713, 0.3246, 0.3755

Complementary

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



59.0713, 0.2633, 0.2929



58.9994, 0.3745, 0.3624

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.



59.0713, 0.3492, 0.3757



59.0713, 0.2633, 0.2929



59.0713, 0.3653, 0.3424

Square

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



59.0713, 0.2633, 0.2929



59.0713, 0.3266, 0.2998



59.0713, 0.3644, 0.3630



59.0713, 0.2975, 0.3611

Rectangle

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



59.0713, 0.2633, 0.2929



59.0713, 0.2907, 0.2849



59.0713, 0.3644, 0.3630



59.0713, 0.3334, 0.3772

Sweetspot

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



59.0736, 0.2633, 0.2929



90.1791, 0.2987, 0.3198



72.8028, 0.2916, 0.3837



18.9780, 0.2964, 0.3182



0.0000, 0.0000, 0.0000



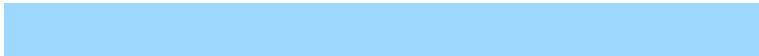
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0736, 0.2633, 0.2929



63.7086, 0.2530, 0.2839



42.9206, 0.2576, 0.2456



16.8050, 0.2980, 0.3193



14.6101, 0.1867, 0.1922



1.4096, 0.1923, 0.2121

Inverse Universe

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



48.9458, 0.3421, 0.2802



50.7156, 0.3505, 0.2697



77.7101, 0.3625, 0.4006



15.9180, 0.3199, 0.3149



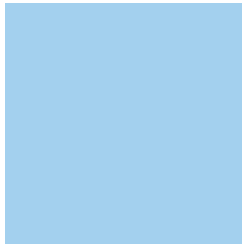
11.2682, 0.4542, 0.2276



0.9570, 0.4318, 0.2152

Previews

White Background



This preview shows how the Yxy color 59.0713, 0.2633, 0.2929 looks on a white background.

Color Contrast Check

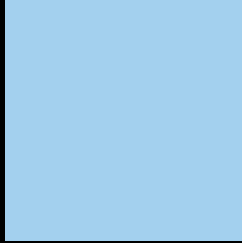
Large Text (above 18pt) WCAG AA × Fail

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 59.0713, 0.2633, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

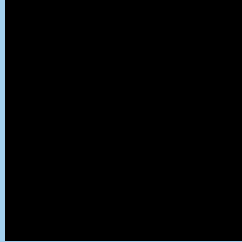
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0713, 0.2633, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 59.0713, 0.2633, 0.2929.



This preview shows how white text looks on a background with the Yxy color 59.0713, 0.2633, 0.2929.

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

59.0713, 0.2633, 0.2929

Protanopia

58.9275, 0.2871, 0.2911

Deuteranopia

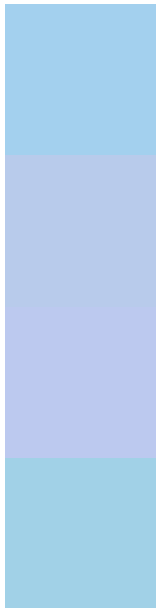
58.7803, 0.2867, 0.2806



Tritanopia

59.1128, 0.2679, 0.3080

Trichromacy



Original Color

59.0713, 0.2633, 0.2929

Protanomaly

58.9004, 0.2778, 0.2915

Deuteranomaly

58.6966, 0.2779, 0.2851

Tritanomaly

58.9475, 0.2661, 0.3021

Monochromacy



Original Color

59.0713, 0.2633, 0.2929

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3594, 0.2924, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0713, 0.2633, 0.2929 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(163, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 238)  
}
```

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(163, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 238) }
```

Border

The CSS property to change the border of an element to Yxy 59.0713, 0.2633, 0.2929 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(163, 208, 238) }
```

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

```
.border{ border-color:rgb(163, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 208, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 208, 238); box-shadow:4px 4px 4px 4px rgb(163, 208, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0713, 0.2633, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 238) }
```

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

```
.background{ background-color: rgb(163,  
208, 238) }
```

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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