

Converting Colors

$Yxy(59.9785, 0.2638, 0.2722)$

Have a look what the booklet for
Yxy(59.9785, 0.2638, 0.2722)
contains.

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Color

Yxy(59.9252, 0.2636, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	B3CCFE
RGB	179, 204, 254
RGB Percent	70%, 80%, 100%
CMY	0.2984, 0.1999, 0.0040
CMYK	0.30, 0.20, 0.00, 0.00
HSL	220°, 97%, 85%
HSV	220°, 30%, 100%
XYZ	58.0532, 59.9252, 102.2538
YIQ	202.2250, -30.9500, 10.2500

Conversions

Conversions Part 2

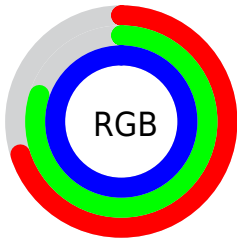
Format	Color
R _Y B	179, 198, 254
Decimal	11783422
CIE Lab	81.80, 2.69, -27.24
CIE LCh	82, 27.372, 275.634
Yxy	59.9252, 0.2636, 0.2721
Android (android.graphics.Color)	4289973502 (0xFFB3CCFE)
YUV	202.2250, 25.5251, -20.3683
Hunter-Lab	77.4114, -1.6071, -24.1291

Details

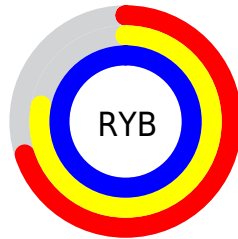
The Yxy color **59.9252, 0.2636, 0.2721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.2758, 0.3643, 0.3799**, and the grayscale version is **59.0541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **30.1290, 0.2514, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **49.5735, 0.2455, 0.2488**, and if you desaturate by 10%, it is **71.7104, 0.2811, 0.2934**.

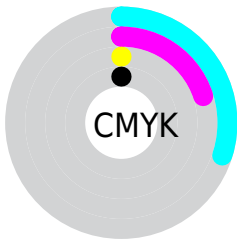
Distribution



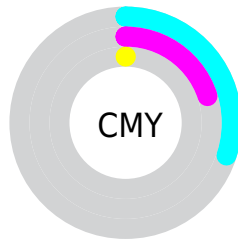
- Red (70%)
- Green (80%)
- Blue (100%)



- Red (70%)
- Yellow (78%)
- Blue (100%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9252, 0.2636, 0.2721 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 59.9252, 0.2636, 0.2721 by changing the saturation by 10% instead.

■ 59.9252, 0.2636,
0.2721

■ 59.9252, 0.2636,
0.2721

424.3220, 0.2868,
0.2987

■ 43.3583, 0.2582,
0.2660

■ 104.7212, 0.2717,
0.2814

■ 30.1664, 0.2516,
0.2584

133.7190, 0.2748,
0.2850

■ 19.9649, 0.2431,
0.2489

167.6294, 0.2775,
0.2881

■ 12.3695, 0.2321,
0.2364

206.8366, 0.2799,
0.2908

■ 6.9959, 0.2170,
0.2196

251.7251, 0.2819,
0.2931

■ 3.4595, 0.1956,
0.1960

302.6792, 0.2837,

■ 1.3761, 0.1634,

0.2952

0.1609

360.0834, 0.2853,
0.2971

0.1990, 0.0822,
0.0642

0.0000, 0.0000,
0.0000

59.9252, 0.2636,
0.2721

59.9252, 0.2636,
0.2721

49.5735, 0.2455,
0.2488

71.7104, 0.2811,
0.2934

40.5899, 0.2275,
0.2240

84.9767, 0.2978,
0.3126

32.9141, 0.2101,
0.1982

99.7591, 0.3133,
0.3297

26.4776, 0.1943,
0.1724

99.9344, 0.3133,
0.3300

■ 21.2051, 0.1807,
0.1476

■ 17.0106, 0.1702,
0.1251

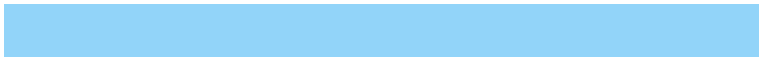
■ 13.7766, 0.1628,
0.1058

■ 13.6512, 0.1625,
0.1050

Harmonies

Analogous

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



59.9252, 0.2487, 0.2839



59.9252, 0.2636, 0.2721



59.9252, 0.2918, 0.2746

Triad

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



59.9252, 0.2636, 0.2721



59.9252, 0.3802, 0.3428



59.9252, 0.2958, 0.3737

Complementary

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



59.9252, 0.2636, 0.2721



80.2758, 0.3643, 0.3799

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.



59.9252, 0.3309, 0.3908



59.9252, 0.2636, 0.2721



59.9252, 0.3807, 0.3700

Square

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



59.9252, 0.2636, 0.2721



59.9252, 0.3601, 0.3140



59.9252, 0.3622, 0.3885



59.9252, 0.2664, 0.3425

Rectangle

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



59.9252, 0.2636, 0.2721



59.9252, 0.3151, 0.2834



59.9252, 0.3622, 0.3885



59.9252, 0.3073, 0.3814

Sweetspot

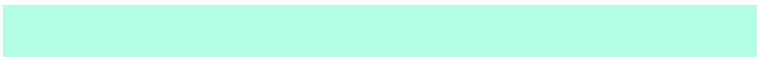
The Sweet Spot groups the original color and five complimentary colors.



59.9276, 0.2636, 0.2721



86.5459, 0.2987, 0.3136



86.0276, 0.2830, 0.3581



18.0843, 0.2964, 0.3110



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.



59.9276, 0.2636, 0.2721



54.6083, 0.2538, 0.2596



50.3261, 0.2681, 0.2441



18.3710, 0.2979, 0.3127



7.4400, 0.1633, 0.1079



0.9161, 0.1695, 0.1302

Inverse Universe

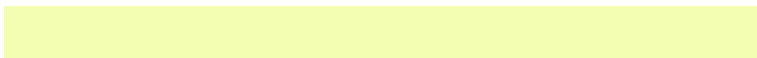
The Inverse Universe completely reimagines the original color for something new.



57.6309, 0.3568, 0.3030



52.4098, 0.3682, 0.2980



93.1254, 0.3499, 0.4051



18.0874, 0.3241, 0.3211



11.4790, 0.5642, 0.2882



1.1370, 0.5324, 0.2706

Previews

White Background



This preview shows how the Yxy color 59.9252, 0.2636, 0.2721 looks on a white background.

Color Contrast Check

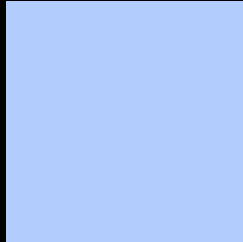
Large Text (above 18pt) WCAG AA × Fail

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 59.9252, 0.2636, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

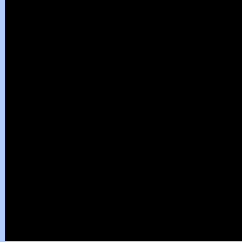
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

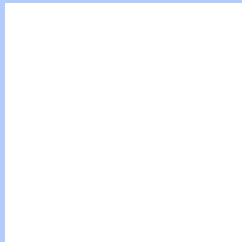
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9252, 0.2636, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 59.9252, 0.2636, 0.2721.



This preview shows how white text looks on a background with the Yxy color 59.9252, 0.2636, 0.2721.

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

59.9252, 0.2636, 0.2721

Protanopia

59.8779, 0.2721, 0.2718

Deuteranopia

59.8026, 0.2734, 0.2670



Tritanopia

59.9762, 0.2765, 0.3085

Trichromacy



Original Color

59.9252, 0.2636, 0.2721

Protanomaly

59.8977, 0.2690, 0.2715

Deuteranomaly

59.9404, 0.2697, 0.2686

Tritanomaly

59.7957, 0.2717, 0.2947

Monochromacy



Original Color

59.9252, 0.2636, 0.2721

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4017, 0.2936, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9252, 0.2636, 0.2721 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(179, 204, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 204, 254)  
}
```

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(179, 204, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 204, 254) }
```

Border

The CSS property to change the border of an element to Yxy 59.9252, 0.2636, 0.2721 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(179, 204, 254) }
```

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

```
.border{ border-color:rgb(179, 204, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 204, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 204, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 204, 254); box-shadow:4px 4px 4px 4px rgb(179, 204, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9252, 0.2636, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 204, 254) }
```

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

```
.background{ background-color: rgb(179,  
204, 254) }
```

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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