

Converting Colors

$Yxy(50.0174, 0.2734, 0.2957)$

Have a look what the booklet for
Yxy(50.0174, 0.2734, 0.2957)
contains.

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Color

Yxy(50.0579, 0.2734, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	A3BFD9
RGB	163, 191, 217
RGB Percent	64%, 75%, 85%
CMY	0.3609, 0.2509, 0.1491
CMYK	0.25, 0.12, 0.00, 0.15
HSL	209°, 42%, 74%
HSV	209°, 25%, 85%
XYZ	46.2515, 50.0579, 72.8622
YIQ	185.5920, -25.0340, 2.1500

Conversions

Conversions Part 2

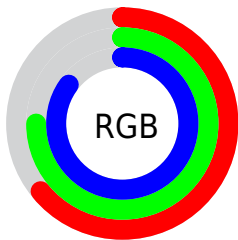
Format	Color
RYB	163, 181, 217
Decimal	10731481
CIELab	76.10, -3.73, -16.13
CIELCh	76, 16.559, 256.997
Yxy	50.0579, 0.2734, 0.2959
Android (android.graphics.Color)	4288921561 (0xFFA3BFD9)
YUV	185.5920, 15.4841, -19.8132
Hunter-Lab	70.7516, -7.1268, -11.5326

Details

The Yxy color **50.0579, 0.2734, 0.2959** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.7590, 0.3576, 0.3599**, and the grayscale version is **48.7821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8016, 0.2909, 0.3208**, and **24.1006, 0.2630, 0.2875** is the 20% darker color. If you saturate the color by 10%, you get **43.5739, 0.2572, 0.2802**, and if you desaturate by 10%, it is **57.2630, 0.2895, 0.3102**.

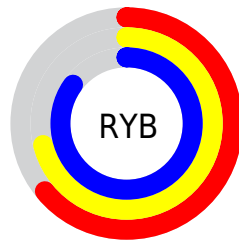
Distribution



Red (64%)

Green (75%)

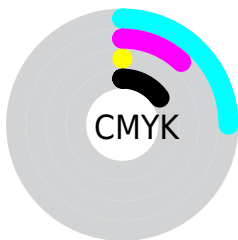
Blue (85%)



Red (64%)

Yellow (71%)

Blue (85%)

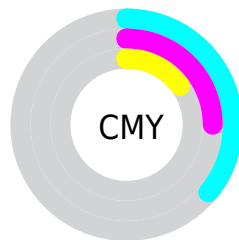


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (36%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0579, 0.2734, 0.2959 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 50.0579, 0.2734, 0.2959 by changing the saturation by 10% instead.

■ 50.0579, 0.2734,
0.2959

■ 50.0579, 0.2734,
0.2959

■ 386.8923, 0.2926,
0.3123

■ 35.4594, 0.2688,
0.2919

■ 90.2607, 0.2803,
0.3018

■ 24.0170, 0.2629,
0.2868

■ 116.6337, 0.2829,
0.3040

■ 15.3462, 0.2553,
0.2801

■ 147.7004, 0.2851,
0.3059

■ 9.0627, 0.2449,
0.2709

■ 183.8451, 0.2870,
0.3075

■ 4.7821, 0.2301,
0.2577

■ 225.4523, 0.2887,
0.3090

■ 2.1200, 0.2075,
0.2369

■ 272.9063, 0.2901,

■ 0.6758, 0.1622,

0.3102

0.1988

326.5915, 0.2914,
0.3113

0.0000, 0.0000,
0.0000

50.0579, 0.2734,
0.2959

50.0579, 0.2734,
0.2959

43.5739, 0.2572,
0.2802

57.2630, 0.2895,
0.3102

37.7781, 0.2412,
0.2633

65.2081, 0.3052,
0.3232

32.6438, 0.2260,
0.2453

73.9192, 0.3203,
0.3347

28.1397, 0.2120,
0.2267

83.4187, 0.3347,
0.3450

24.2313, 0.1997,
0.2078

90.4730, 0.3368,
0.3549

■ 20.8793, 0.1895,
0.1892

■ 96.9007, 0.3354,
0.3648

■ 18.0373, 0.1818,
0.1713

■ 97.7892, 0.3352,
0.3661

■ 16.7480, 0.1785,
0.1625

Harmonies

Analogous

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



50.0579, 0.2699, 0.3097



50.0579, 0.2734, 0.2959



50.0579, 0.2870, 0.2912

Triad

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



50.0579, 0.2734, 0.2959



50.0579, 0.3492, 0.3267



50.0579, 0.3162, 0.3651

Complementary

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



50.0579, 0.2734, 0.2959



53.7590, 0.3576, 0.3599

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.



50.0579, 0.3380, 0.3689



50.0579, 0.2734, 0.2959



50.0579, 0.3575, 0.3458

Square

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



50.0579, 0.2734, 0.2959



50.0579, 0.3308, 0.3088



50.0579, 0.3533, 0.3614



50.0579, 0.2941, 0.3505

Rectangle

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



50.0579, 0.2734, 0.2959



50.0579, 0.3004, 0.2934



50.0579, 0.3533, 0.3614



50.0579, 0.3238, 0.3677

Sweetspot

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



50.0599, 0.2734, 0.2959



91.4172, 0.3019, 0.3205



61.0409, 0.2936, 0.3657



19.4142, 0.3009, 0.3197



0.0000, 0.0000, 0.0000



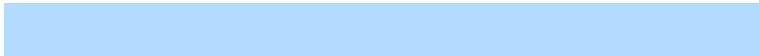
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0599, 0.2734, 0.2959



67.0039, 0.2647, 0.2876



39.6149, 0.2704, 0.2610



13.7302, 0.2982, 0.3175



10.3523, 0.1792, 0.1650



0.8430, 0.1872, 0.1937

Inverse Universe

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



44.6921, 0.3384, 0.2959



58.3739, 0.3456, 0.2884



66.0900, 0.3506, 0.3890



13.1639, 0.3211, 0.3169



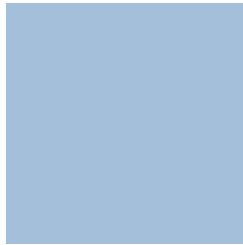
9.6688, 0.4868, 0.2455



0.6438, 0.4525, 0.2266

Previews

White Background



This preview shows how the Yxy color 50.0579, 0.2734, 0.2959 looks on a white background.

Color Contrast Check

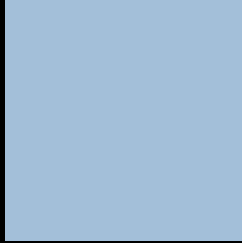
Large Text (above 18pt) WCAG AA × Fail

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 50.0579, 0.2734, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

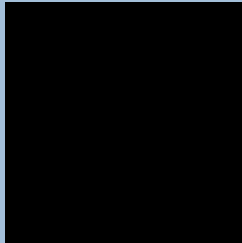
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

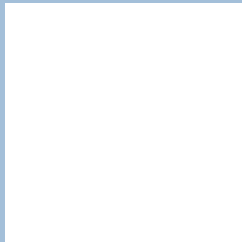
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0579, 0.2734, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 50.0579, 0.2734, 0.2959.



This preview shows how white text looks on a background with the Yxy color 50.0579, 0.2734, 0.2959.

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

50.0579, 0.2734, 0.2959

Protanopia

50.0401, 0.2896, 0.2944

Deuteranopia

49.9286, 0.2914, 0.2855



Tritanopia

50.2711, 0.2780, 0.3095

Trichromacy



Original Color

50.0579, 0.2734, 0.2959

Protanomaly

50.1028, 0.2838, 0.2953

Deuteranomaly

49.8831, 0.2846, 0.2895

Tritanomaly

50.0838, 0.2767, 0.3045

Monochromacy



Original Color

50.0579, 0.2734, 0.2959

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4626, 0.2979, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0579, 0.2734, 0.2959 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, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 217)  
}
```

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, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 50.0579, 0.2734, 0.2959 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, 191, 217) }
```

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

```
.border{ border-color:rgb(163, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 191, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 191, 217); box-shadow:4px 4px 4px 4px rgb(163, 191, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0579, 0.2734, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 217) }
```

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

```
.background{ background-color: rgb(163,  
191, 217) }
```

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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