

Converting Colors

$Y_{xy}(59.8192, 0.2501, 0.2953)$

Have a look what the booklet for
Yxy(59.8192, 0.2501, 0.2953)
contains.

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Color

Yxy(60.0195, 0.2501, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	8CD6F1
RGB	140, 214, 241
RGB Percent	55%, 84%, 95%
CMY	0.4508, 0.1608, 0.0548
CMYK	0.42, 0.11, 0.00, 0.05
HSL	196°, 78%, 75%
HSV	196°, 42%, 95%
XYZ	50.7467, 60.0195, 92.1395
YIQ	194.9520, -52.7710, -7.2910

Conversions

Conversions Part 2

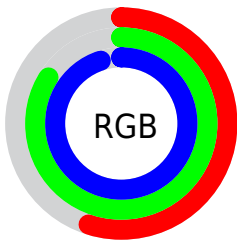
Format	Color
R_{YB}	140, 183, 241
Decimal	9230065
CIE _{Lab}	81.85, -16.14, -20.47
CIE _{LCh}	82, 26.063, 231.750
Yxy	60.0195, 0.2501, 0.2958
Android (android.graphics.Color)	4287420145 (0xFF8CD6F1)
YUV	194.9520, 22.7017, -48.1929
Hunter-Lab	77.4723, -18.6534, -16.2843

Details

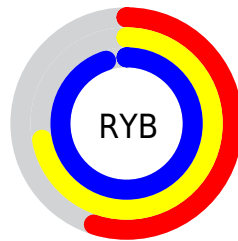
The Yxy color **60.0195, 0.2501, 0.2958** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.2630, 0.4082, 0.3592**, and the grayscale version is **54.4372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **30.1381, 0.2348, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **54.9509, 0.2372, 0.2863**, and if you desaturate by 10%, it is **65.6806, 0.2642, 0.3048**.

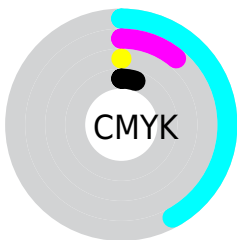
Distribution



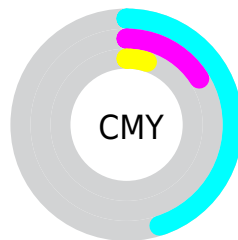
- Red (55%)
- Green (84%)
- Blue (95%)



- Red (55%)
- Yellow (72%)
- Blue (95%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)





- Cyan (45%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0195, 0.2501, 0.2958 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 60.0195, 0.2501, 0.2958 by changing the saturation by 10% instead.


 60.0195, 0.2501,
0.2958


 60.0195, 0.2501,
0.2958


424.6696, 0.2793,
0.3122

 43.4344, 0.2434,
0.2918


 104.8580, 0.2603,
0.3017

 30.2261, 0.2351,
0.2868


 133.8801, 0.2642,
0.3039

 20.0102, 0.2247,
0.2803


167.8166, 0.2676,
0.3058

 12.4025, 0.2111,
0.2715

207.0520, 0.2706,
0.3074

 7.0184, 0.1928,
0.2590

251.9705, 0.2732,
0.3088

 3.4736, 0.1670,
0.2402

302.9568, 0.2754,

 1.3837, 0.1291,

0.3101

0.2094

360.3950, 0.2775,
0.3112

0.2047, 0.0000,
0.1005

0.0000, 0.0000,
0.0000

60.0195, 0.2501,
0.2958

60.0195, 0.2501,
0.2958

54.9509, 0.2372,
0.2863

65.6806, 0.2642,
0.3048

50.4360, 0.2258,
0.2765

71.9562, 0.2790,
0.3131

46.4419, 0.2161,
0.2664

78.8753, 0.2943,
0.3208

42.9281, 0.2085,
0.2562

86.4630, 0.3098,
0.3278

■ 39.8460, 0.2028,
0.2462

■ 93.6728, 0.3215,
0.3341

■ 37.6030, 0.1995,
0.2381

■ 97.6705, 0.3210,
0.3403

■ 99.1317, 0.3208,
0.3424

Harmonies

Analogous

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



60.0195, 0.2582, 0.3244



60.0195, 0.2501, 0.2958



60.0195, 0.2575, 0.2782

Triad

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



60.0195, 0.2501, 0.2958



60.0195, 0.3443, 0.3032



60.0195, 0.3449, 0.3890

Complementary

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



60.0195, 0.2501, 0.2958



48.2630, 0.4082, 0.3592

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.



60.0195, 0.3700, 0.3791



60.0195, 0.2501, 0.2958



60.0195, 0.3701, 0.3294

Square

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



60.0195, 0.2501, 0.2958



60.0195, 0.3106, 0.2835



60.0195, 0.3796, 0.3568



60.0195, 0.3120, 0.3811

Rectangle

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



60.0195, 0.2501, 0.2958



60.0195, 0.2705, 0.2741



60.0195, 0.3796, 0.3568



60.0195, 0.3546, 0.3875

Sweetspot

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



60.0218, 0.2501, 0.2958



88.7153, 0.2926, 0.3199



71.2883, 0.2927, 0.4237



18.6063, 0.2891, 0.3183



0.0000, 0.0000, 0.0000



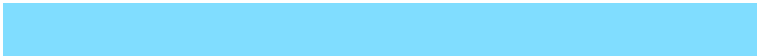
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0218, 0.2501, 0.2958



63.4183, 0.2393, 0.2880



38.3438, 0.2393, 0.2299



17.1715, 0.2981, 0.3225



20.6222, 0.1999, 0.2397



1.8783, 0.2036, 0.2529

Inverse Universe

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



42.3299, 0.3423, 0.2507



41.7821, 0.3502, 0.2363



70.4599, 0.3848, 0.4112



15.9550, 0.3179, 0.3119



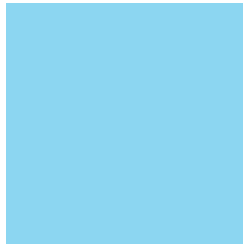
11.8752, 0.4026, 0.1991



1.0043, 0.3894, 0.1919

Previews

White Background



This preview shows how the Yxy color 60.0195, 0.2501, 0.2958 looks on a white background.

Color Contrast Check

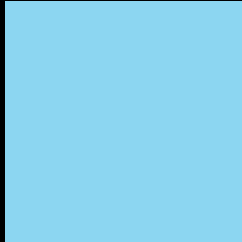
Large Text (above 18pt) WCAG AA × Fail

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 60.0195, 0.2501, 0.2958 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 60.0195, 0.2501, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 60.0195, 0.2501, 0.2958.



This preview shows how white text looks on a background with the Yxy color 60.0195, 0.2501, 0.2958.

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

60.0195, 0.2501, 0.2958

Protanopia

59.4698, 0.2885, 0.2934

Deuteranopia

59.4764, 0.2842, 0.2776



Tritanopia

59.8873, 0.2532, 0.3065

Trichromacy



Original Color

60.0195, 0.2501, 0.2958

Protanomaly

59.3709, 0.2728, 0.2946

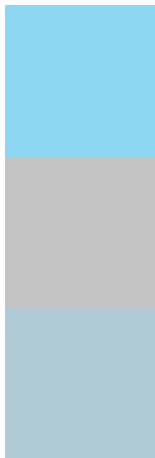
Deuteranomaly

59.2405, 0.2699, 0.2836

Tritanomaly

60.1460, 0.2523, 0.3029

Monochromacy



Original Color

60.0195, 0.2501, 0.2958

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.1085, 0.2860, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0195, 0.2501, 0.2958 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(140, 214, 241)` looks like.

```
.text, #text, p{  
    color:rgb(140, 214, 241)  
}
```

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(140, 214, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 214, 241) }
```

Border

The CSS property to change the border of an element to Yxy 60.0195, 0.2501, 0.2958 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(140, 214, 241) }
```

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

```
.border{ border-color:rgb(140, 214, 241) }
```

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

Here you see how a box with a 4 pixel rgb(140, 214, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 214, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 214, 241);  
box-shadow:4px 4px 4px 4px rgb(140, 214,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0195, 0.2501, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 214, 241) }
```

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

```
.background{ background-color: rgb(140,  
214, 241) }
```

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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