

Converting Colors

$Y_{xy}(57.4720, 0.2734, 0.3158)$

Have a look what the booklet for
Yxy(57.4720, 0.2734, 0.3158)
contains.

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Color

Yxy(57.2647, 0.2733, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	A1CFDA
RGB	161, 207, 218
RGB Percent	63%, 81%, 85%
CMY	0.3689, 0.1881, 0.1451
CMYK	0.26, 0.05, 0.00, 0.15
HSL	192°, 44%, 74%
HSV	192°, 26%, 85%
XYZ	49.6524, 57.2647, 74.7602
YIQ	194.5000, -30.9470, -6.3310

Conversions

Conversions Part 2

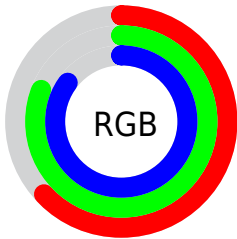
Format	Color
RYB	161, 186, 218
Decimal	10604506
CIELab	80.33, -12.52, -10.36
CIELCh	80, 16.248, 219.606
Yxy	57.2647, 0.2733, 0.3152
Android (android.graphics.Color)	4288794586 (0xFFA1CFDA)
YUV	194.5000, 11.5855, -29.3795
Hunter-Lab	75.6734, -15.3074, -5.6031

Details

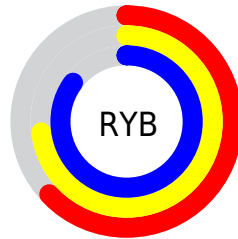
The Yxy color **57.2647, 0.2733, 0.3152** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9381, 0.3652, 0.3423**, and the grayscale version is **54.1964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **28.6150, 0.2638, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **53.1938, 0.2594, 0.3091**, and if you desaturate by 10%, it is **61.7889, 0.2880, 0.3208**.

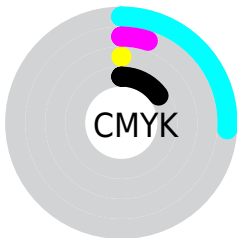
Distribution



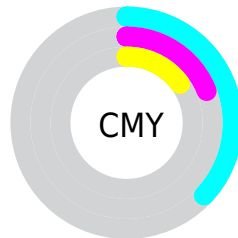
- Red (63%)
- Green (81%)
- Blue (85%)



- Red (63%)
- Yellow (73%)
- Blue (85%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)




- Cyan (37%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2647, 0.2733, 0.3152 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 57.2647, 0.2733, 0.3152 by changing the saturation by 10% instead.


 57.2647, 0.2733,
0.3152


 57.2647, 0.2733,
0.3152


414.4404, 0.2921,
0.3221

 41.2178, 0.2689,
0.3135

 100.8513, 0.2799,
0.3177

 28.4893, 0.2633,
0.3113


 129.1598, 0.2825,
0.3187

 18.6948, 0.2562,
0.3083


162.3243, 0.2846,
0.3195

 11.4500, 0.2467,
0.3043

200.7292, 0.2865,
0.3202

 6.3704, 0.2335,
0.2983

244.7588, 0.2882,
0.3207

 3.0716, 0.2137,
0.2887

294.7977, 0.2896,

 1.1692, 0.1813,

0.3213

351.2301, 0.2909,
0.3217

0.2713

0.0363, 0.0000,
0.0454

0.0000, 0.0000,
0.0000

57.2647, 0.2733,
0.3152

57.2647, 0.2733,
0.3152

53.1938, 0.2594,
0.3091

61.7889, 0.2880,
0.3208

49.5483, 0.2467,
0.3027

66.7788, 0.3032,
0.3260

46.3077, 0.2353,
0.2960

72.2549, 0.3186,
0.3307

43.4470, 0.2257,
0.2891

78.2345, 0.3340,
0.3350

■ 40.9377, 0.2180,
0.2821

■ 81.7939, 0.3384,
0.3391

■ 38.7469, 0.2122,
0.2751

■ 84.1271, 0.3378,
0.3432

■ 36.8335, 0.2083,
0.2681

■ 86.5165, 0.3372,
0.3473

■ 36.1481, 0.2071,
0.2655

■ 88.9626, 0.3366,
0.3514

■ 91.4658, 0.3360,
0.3554

Harmonies

Analogous

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



57.2647, 0.2827, 0.3347



57.2647, 0.2733, 0.3152



57.2647, 0.2740, 0.3004

Triad

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



57.2647, 0.2733, 0.3152



57.2647, 0.3245, 0.3065



57.2647, 0.3407, 0.3656

Complementary

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



57.2647, 0.2733, 0.3152



46.9381, 0.3652, 0.3423

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.



57.2647, 0.3528, 0.3564



57.2647, 0.2733, 0.3152



57.2647, 0.3434, 0.3225

Square

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



57.2647, 0.2733, 0.3152



57.2647, 0.3030, 0.2961



57.2647, 0.3538, 0.3405



57.2647, 0.3214, 0.3647

Rectangle

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



57.2647, 0.2733, 0.3152



57.2647, 0.2801, 0.2950



57.2647, 0.3538, 0.3405



57.2647, 0.3458, 0.3635

Sweetspot

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



57.2670, 0.2733, 0.3152



93.8578, 0.3003, 0.3251



60.6629, 0.3027, 0.3895



19.8530, 0.2980, 0.3243



0.0000, 0.0000, 0.0000



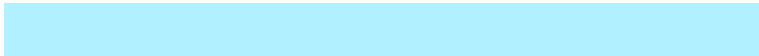
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2670, 0.2733, 0.3152



78.6499, 0.2661, 0.3122



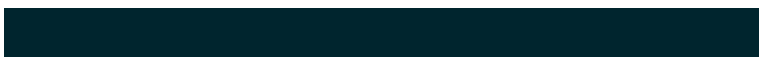
44.8678, 0.2699, 0.2787



14.3820, 0.2982, 0.3244



21.8092, 0.2074, 0.2665



1.5244, 0.2105, 0.2778

Inverse Universe

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



44.8722, 0.3252, 0.2758



58.5708, 0.3281, 0.2653



58.7462, 0.3570, 0.3747



13.2297, 0.3167, 0.3103



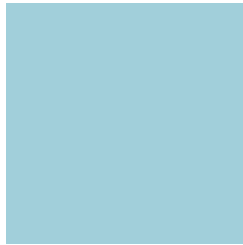
10.8254, 0.3761, 0.1846



0.7126, 0.3655, 0.1787

Previews

White Background



This preview shows how the Yxy color 57.2647, 0.2733, 0.3152 looks on a white background.

Color Contrast Check

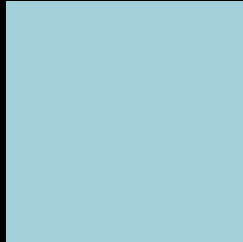
Large Text (above 18pt) WCAG AA × Fail

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 57.2647, 0.2733, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

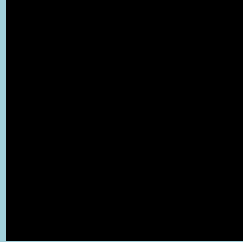
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

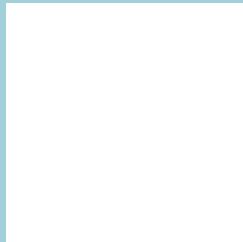
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2647, 0.2733, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 57.2647, 0.2733, 0.3152.

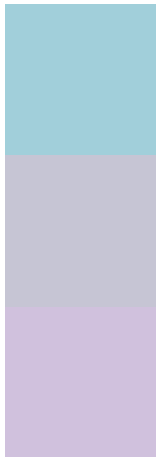


This preview shows how white text looks on a background with the Yxy color 57.2647, 0.2733, 0.3152.

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

57.2647, 0.2733, 0.3152

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.7703, 0.3040, 0.2969



Tritanopia

57.1517, 0.2709, 0.3079

Trichromacy



Original Color

57.2647, 0.2733, 0.3152

Protanomaly

56.9426, 0.2917, 0.3132

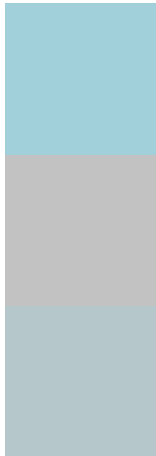
Deuteranomaly

56.6318, 0.2920, 0.3029

Tritanomaly

57.0445, 0.2721, 0.3103

Monochromacy



Original Color

57.2647, 0.2733, 0.3152

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.1037, 0.2969, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2647, 0.2733, 0.3152 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(161, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(161, 207, 218)  
}
```

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(161, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 207, 218) }
```

Border

The CSS property to change the border of an element to Yxy 57.2647, 0.2733, 0.3152 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(161, 207, 218) }
```

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

```
.border{ border-color:rgb(161, 207, 218) }
```

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

Here you see how a box with a 4 pixel rgb(161, 207, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(161, 207,  
218) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.2647, 0.2733, 0.3152$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 207, 218) }
```

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

```
.background{ background-color: rgb(161,  
207, 218) }
```

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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