

Converting Colors

$Yxy(60.4605, 0.2745, 0.3158)$

Have a look what the booklet for
Yxy(60.4605, 0.2745, 0.3158)
contains.

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Color

Yxy(60.5217, 0.2741, 0.3155)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6D4DF |
| RGB | 166, 212, 223 |
| RGB Percent | 65%, 83%, 87% |
| CMY | 0.3492, 0.1686, 0.1255 |
| CMYK | 0.26, 0.05, 0.00, 0.13 |
| HSL | 192°, 47%, 76% |
| HSV | 192°, 26%, 87% |
| XYZ | 52.5800, 60.5217, 78.7262 |
| YIQ | 199.5000, -30.9470, -6.3310 |

Conversions

Conversions Part 2

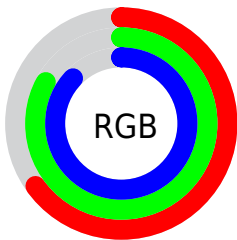
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 166, 191, 223 |
| Decimal | 10933471 |
| CIELab | 82.12, -12.48, -10.33 |
| CIElCh | 82, 16.204, 219.622 |
| Yxy | 60.5217, 0.2741, 0.3155 |
| Android (android.graphics.Color) | 4289123551 (0xFFA6D4DF) |
| YUV | 199.5000, 11.5855, -29.3795 |
| Hunter-Lab | 77.7957, -15.4991, -5.5422 |

Details

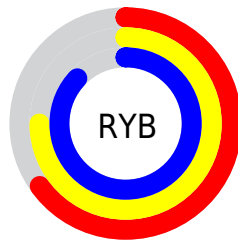
The Yxy color **60.5217, 0.2741, 0.3155** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8582, 0.3638, 0.3421**, and the grayscale version is **57.3725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **30.4518, 0.2648, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **56.2013, 0.2601, 0.3094**, and if you desaturate by 10%, it is **65.3219, 0.2889, 0.3211**.

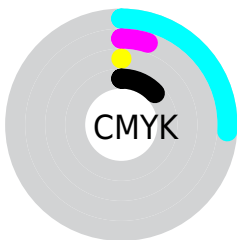
Distribution



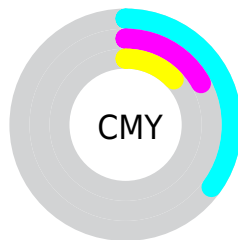
- Red (65%)
- Green (83%)
- Blue (87%)



- Red (65%)
- Yellow (75%)
- Blue (87%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5217, 0.2741, 0.3155 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 60.5217, 0.2741, 0.3155 by changing the saturation by 10% instead.

60.5217, 0.2741,
0.3155

60.5217, 0.2741,
0.3155

426.5181, 0.2923,
0.3222

43.8393, 0.2699,
0.3138

105.5861, 0.2805,
0.3179

30.5442, 0.2646,
0.3117

134.7368, 0.2830,
0.3188

20.2520, 0.2578,
0.3090

168.8125, 0.2851,
0.3196

12.5784, 0.2488,
0.3052

208.1974, 0.2869,
0.3203

7.1389, 0.2364,
0.2996

253.2761, 0.2885,
0.3209

3.5491, 0.2182,
0.2909

304.4328, 0.2899,

1.4247, 0.1890,

0.3214

0.2755

362.0520, 0.2912,
0.3218

0.2348, 0.0000,
0.1936

0.0000, 0.0000,
0.0000

60.5217, 0.2741,
0.3155

60.5217, 0.2741,
0.3155

56.2013, 0.2601,
0.3094

65.3219, 0.2889,
0.3211

52.3314, 0.2473,
0.3030

70.6151, 0.3041,
0.3263

48.8904, 0.2359,
0.2963

76.4229, 0.3195,
0.3310

45.8520, 0.2262,
0.2893

82.7354, 0.3348,
0.3352

■ 43.1865, 0.2183,
0.2823

■ 85.1445, 0.3343,
0.3395

■ 40.8591, 0.2124,
0.2753

■ 87.6128, 0.3337,
0.3437

■ 38.8275, 0.2084,
0.2683

■ 90.1408, 0.3332,
0.3478

■ 37.9934, 0.2070,
0.2653

■ 92.7288, 0.3326,
0.3520

■ 95.3773, 0.3321,
0.3561

Harmonies

Analogous

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



60.5217, 0.2833, 0.3346



60.5217, 0.2741, 0.3155



60.5217, 0.2748, 0.3010

Triad

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



60.5217, 0.2741, 0.3155



60.5217, 0.3243, 0.3069



60.5217, 0.3402, 0.3648

Complementary

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



60.5217, 0.2741, 0.3155



49.8582, 0.3638, 0.3421

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.



60.5217, 0.3520, 0.3559



60.5217, 0.2741, 0.3155



60.5217, 0.3427, 0.3226

Square

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



60.5217, 0.2741, 0.3155



60.5217, 0.3032, 0.2967



60.5217, 0.3530, 0.3403



60.5217, 0.3212, 0.3639

Rectangle

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



60.5217, 0.2741, 0.3155



60.5217, 0.2808, 0.2957



60.5217, 0.3530, 0.3403



60.5217, 0.3451, 0.3628

Sweetspot

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



60.5241, 0.2741, 0.3155



93.8529, 0.3003, 0.3251



64.0304, 0.3029, 0.3880



19.8518, 0.2980, 0.3243



0.0000, 0.0000, 0.0000



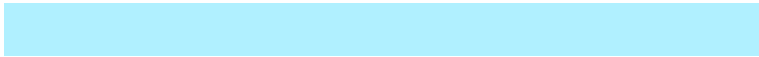
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5241, 0.2741, 0.3155



78.6323, 0.2661, 0.3121



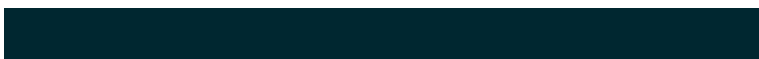
47.7156, 0.2709, 0.2799



15.1002, 0.2982, 0.3244



22.4973, 0.2073, 0.2663



1.6760, 0.2103, 0.2770

Inverse Universe

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



47.6953, 0.3249, 0.2770



58.5690, 0.3282, 0.2653



62.0724, 0.3559, 0.3737



13.8880, 0.3167, 0.3103



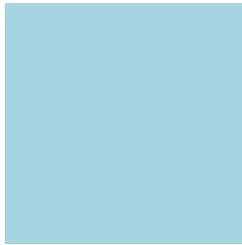
11.1792, 0.3763, 0.1847



0.7866, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 60.5217, 0.2741, 0.3155 looks on a white background.

Color Contrast Check

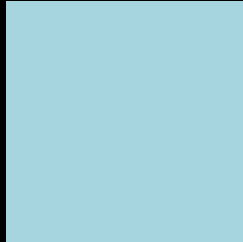
Large Text (above 18pt) WCAG AA × Fail

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 60.5217, 0.2741, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

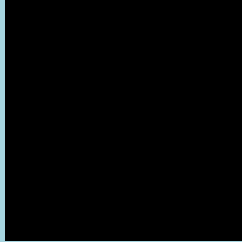
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

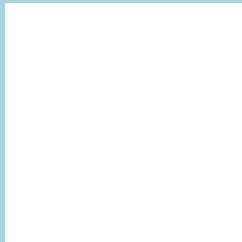
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5217, 0.2741, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 60.5217, 0.2741, 0.3155.

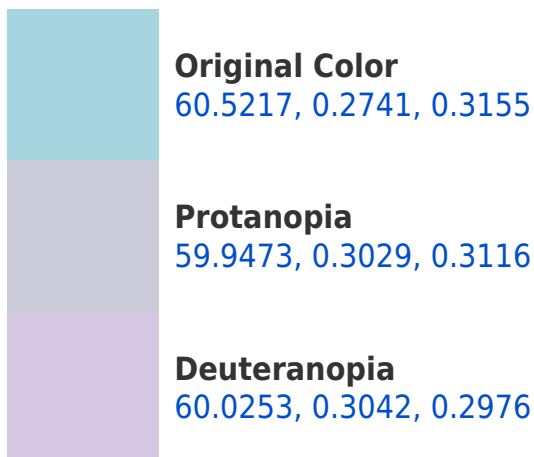


This preview shows how white text looks on a background with the Yxy color 60.5217, 0.2741, 0.3155.

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

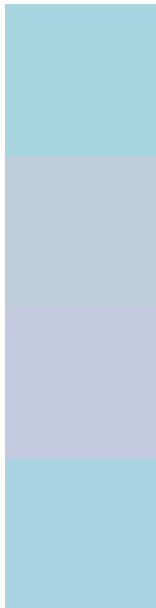




Tritanopia

60.4055, 0.2718, 0.3084

Trichromacy



Original Color

60.5217, 0.2741, 0.3155

Protanomaly

60.2042, 0.2922, 0.3136

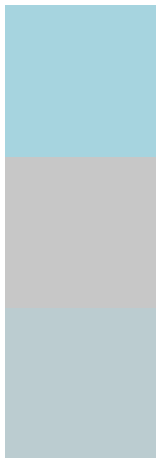
Deuteranomaly

59.8839, 0.2924, 0.3034

Tritanomaly

60.2950, 0.2729, 0.3107

Monochromacy



Original Color

60.5217, 0.2741, 0.3155

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.3046, 0.2973, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5217, 0.2741, 0.3155 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(166, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(166, 212, 223)  
}
```

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(166, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 212, 223) }
```

Border

The CSS property to change the border of an element to Yxy 60.5217, 0.2741, 0.3155 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(166, 212, 223) }
```

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

```
.border{ border-color:rgb(166, 212, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 212, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 212, 223); box-shadow:4px 4px 4px 4px rgb(166, 212, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5217, 0.2741, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 212, 223) }
```

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

```
.background{ background-color: rgb(166,  
212, 223) }
```

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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