

Converting Colors

$Y_{xy}(50.5466, 0.2664, 0.3005)$

Have a look what the booklet for
Yxy(50.5466, 0.2664, 0.3005)
contains.

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Color

Yxy(50.7154, 0.2666, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	98C3D9
RGB	152, 195, 217
RGB Percent	60%, 76%, 85%
CMY	0.4037, 0.2353, 0.1490
CMYK	0.30, 0.10, 0.00, 0.15
HSL	200°, 46%, 72%
HSV	200°, 30%, 85%
XYZ	44.9941, 50.7154, 73.0606
YIQ	184.6510, -32.6900, -2.2740

Conversions

Conversions Part 2

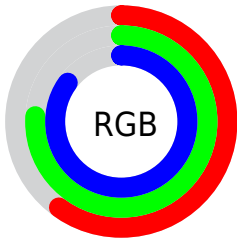
Format	Color
RYB	152, 178, 217
Decimal	10011609
CIELab	76.51, -9.05, -15.60
CIELCh	77, 18.037, 239.872
Yxy	50.7154, 0.2666, 0.3005
Android (android.graphics.Color)	4288201689 (0xFF98C3D9)
YUV	184.6510, 15.9481, -28.6349
Hunter-Lab	71.2147, -11.8480, -10.9764

Details

The Yxy color **50.7154, 0.2666, 0.3005** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3110, 0.3717, 0.3557**, and the grayscale version is **48.2409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2507, 0.2847, 0.3258**, and **24.3110, 0.2545, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **45.5974, 0.2518, 0.2892**, and if you desaturate by 10%, it is **56.3827, 0.2819, 0.3109**.

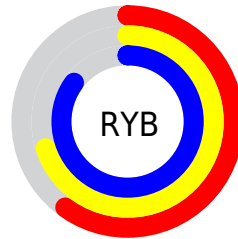
Distribution



Red (60%)

Green (76%)

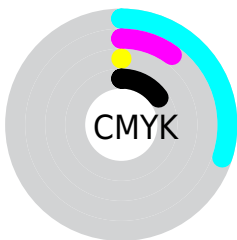
Blue (85%)



Red (60%)

Yellow (70%)

Blue (85%)

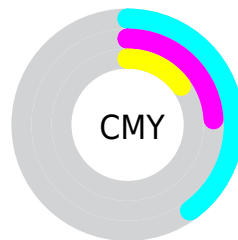


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7154, 0.2666, 0.3005 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 50.7154, 0.2666, 0.3005 by changing the saturation by 10% instead.

■ 50.7154, 0.2666,
0.3005

■ 50.7154, 0.2666,
0.3005

■ 389.4570, 0.2890,
0.3148

■ 35.9822, 0.2612,
0.2970

■ 91.2339, 0.2746,
0.3057

■ 24.4204, 0.2545,
0.2924

■ 117.7880, 0.2776,
0.3076

■ 15.6458, 0.2457,
0.2864

■ 149.0512, 0.2802,
0.3093

■ 9.2739, 0.2339,
0.2781

■ 185.4079, 0.2824,
0.3107

■ 4.9202, 0.2172,
0.2660

■ 227.2424, 0.2844,
0.3119

■ 2.2005, 0.1920,
0.2468

■ 274.9391, 0.2861,

■ 0.7203, 0.1373,

0.3130

0.2134

328.8826, 0.2876,
0.3139

0.0000, 0.0000,
0.0000

50.7154, 0.2666,
0.3005

50.7154, 0.2666,
0.3005

45.5974, 0.2518,
0.2892

56.3827, 0.2819,
0.3109

40.9994, 0.2378,
0.2773

62.6148, 0.2974,
0.3204

36.8982, 0.2251,
0.2647

69.4340, 0.3128,
0.3291

33.2658, 0.2141,
0.2518

76.8594, 0.3279,
0.3368

30.0708, 0.2049,
0.2387

83.8420, 0.3385,
0.3438

■ 27.2760, 0.1978,
0.2257

■ 88.0616, 0.3374,
0.3510

■ 24.8174, 0.1925,
0.2130

■ 92.4562, 0.3364,
0.3580

■ 24.8013, 0.1925,
0.2129

■ 97.0280, 0.3353,
0.3650

■ 97.7896, 0.3352,
0.3661

Harmonies

Analogous

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



50.7154, 0.2696, 0.3199



50.7154, 0.2666, 0.3005



50.7154, 0.2753, 0.2897

Triad

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



50.7154, 0.2666, 0.3005



50.7154, 0.3418, 0.3150



50.7154, 0.3304, 0.3722

Complementary

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



50.7154, 0.2666, 0.3005



47.3110, 0.3717, 0.3557

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.



50.7154, 0.3508, 0.3690



50.7154, 0.2666, 0.3005



50.7154, 0.3578, 0.3354

Square

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



50.7154, 0.2666, 0.3005



50.7154, 0.3182, 0.2984



50.7154, 0.3610, 0.3551



50.7154, 0.3059, 0.3627

Rectangle

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



50.7154, 0.2666, 0.3005



50.7154, 0.2868, 0.2882



50.7154, 0.3610, 0.3551



50.7154, 0.3380, 0.3725

Sweetspot

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



50.7174, 0.2666, 0.3005



91.0437, 0.2987, 0.3212



59.3484, 0.2953, 0.3862



19.1914, 0.2965, 0.3199



0.0000, 0.0000, 0.0000



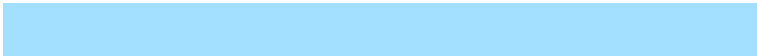
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7174, 0.2666, 0.3005



68.2863, 0.2570, 0.2934



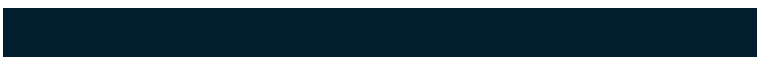
37.8385, 0.2617, 0.2569



14.0479, 0.2982, 0.3209



15.2165, 0.1930, 0.2148



1.1429, 0.1988, 0.2356

Inverse Universe

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



41.1629, 0.3362, 0.2785



52.9020, 0.3428, 0.2674



61.2454, 0.3610, 0.3920



13.1960, 0.3189, 0.3137



10.1599, 0.4289, 0.2136



0.6741, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 50.7154, 0.2666, 0.3005 looks on a white background.

Color Contrast Check

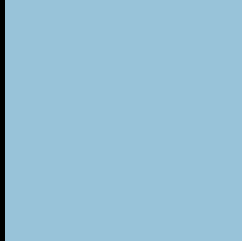
Large Text (above 18pt) WCAG AA × Fail

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 50.7154, 0.2666, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

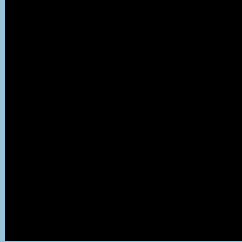
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7154, 0.2666, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 50.7154, 0.2666, 0.3005.



This preview shows how white text looks on a background with the Yxy color 50.7154, 0.2666, 0.3005.

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

50.7154, 0.2666, 0.3005

Protanopia

50.6084, 0.2926, 0.2982

Deuteranopia

50.6019, 0.2930, 0.2870



Tritanopia

50.8126, 0.2691, 0.3080

Trichromacy



Original Color

50.7154, 0.2666, 0.3005

Protanomaly

50.5662, 0.2824, 0.2988

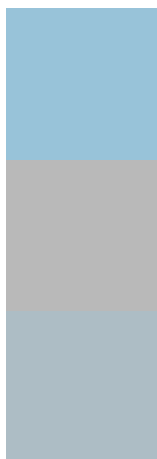
Deuteranomaly

50.3755, 0.2825, 0.2918

Tritanomaly

50.9142, 0.2679, 0.3055

Monochromacy



Original Color

50.7154, 0.2666, 0.3005

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3106, 0.2941, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7154, 0.2666, 0.3005 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(152, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(152, 195, 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(152, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 195, 217) }
```

Border

The CSS property to change the border of an element to Yxy 50.7154, 0.2666, 0.3005 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(152, 195, 217) }
```

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

```
.border{ border-color:rgb(152, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(152, 195,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7154, 0.2666, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 195, 217) }
```

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

```
.background{ background-color: rgb(152,  
195, 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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