

Converting Colors

$Yxy(50.7057, 0.2654, 0.3092)$

Have a look what the booklet for
Yxy(50.7057, 0.2654, 0.3092)
contains.

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Color

Yxy(50.7057, 0.2654, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	91C5D4
RGB	145, 197, 212
RGB Percent	57%, 77%, 83%
CMY	0.4314, 0.2274, 0.1687
CMYK	0.32, 0.07, 0.00, 0.17
HSL	193°, 44%, 70%
HSV	193°, 32%, 83%
XYZ	43.5229, 50.7057, 69.7613
YIQ	183.1620, -35.8070, -6.3590

Conversions

Conversions Part 2

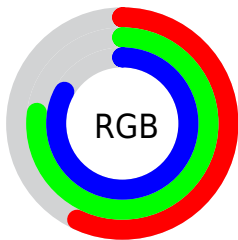
Format	Color
R _Y B	145, 174, 212
Decimal	9553364
CIE Lab	76.50, -13.32, -12.93
CIE LCh	77, 18.568, 224.154
Yxy	50.7057, 0.2654, 0.3092
Android (android.graphics.Color)	4287743444 (0xFF91C5D4)
YUV	183.1620, 14.2171, -33.4681
Hunter-Lab	71.2079, -15.5131, -8.2400

Details

The Yxy color **50.7057, 0.2654, 0.3092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1642, 0.3787, 0.3478**, and the grayscale version is **47.3822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5211, 0.2810, 0.3279**, and **24.3546, 0.2534, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **46.8413, 0.2518, 0.3019**, and if you desaturate by 10%, it is **55.0010, 0.2799, 0.3161**.

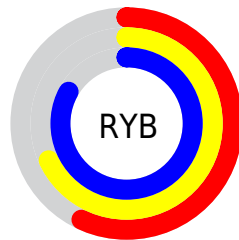
Distribution



Red (57%)

Green (77%)

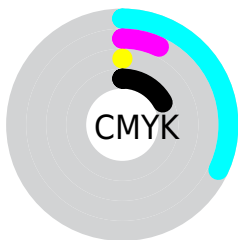
Blue (83%)



Red (57%)

Yellow (68%)

Blue (83%)

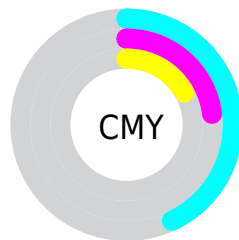


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (43%)

Magenta (23%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7057, 0.2654, 0.3092 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 50.7057, 0.2654, 0.3092 by changing the saturation by 10% instead.


 50.7057, 0.2654,
0.3092


 50.7057, 0.2654,
0.3092

389.4193, 0.2883,
0.3193

 35.9744, 0.2599,
0.3066

 91.2196, 0.2736,
0.3129

 24.4145, 0.2530,
0.3033


 117.7710, 0.2767,
0.3143

 15.6414, 0.2440,
0.2988


149.0313, 0.2793,
0.3155

 9.2707, 0.2318,
0.2926

185.3848, 0.2816,
0.3165

 4.9182, 0.2146,
0.2832

227.2160, 0.2836,
0.3173

 2.1993, 0.1886,
0.2678

274.9092, 0.2854,

 0.7196, 0.1211,

0.3181

0.2429

328.8488, 0.2870,
0.3187

0.0000, 0.0000,
0.0000

50.7057, 0.2654,
0.3092

50.7057, 0.2654,
0.3092

46.8413, 0.2518,
0.3019

55.0010, 0.2799,
0.3161

43.3810, 0.2394,
0.2942

59.7401, 0.2949,
0.3224

40.3044, 0.2286,
0.2861

64.9429, 0.3103,
0.3281

37.5861, 0.2195,
0.2779

70.6261, 0.3256,
0.3333

35.1974, 0.2124,
0.2697

76.8056, 0.3407,
0.3380

■ 33.1040, 0.2072,
0.2614

■ 80.0914, 0.3429,
0.3426

■ 31.5236, 0.2041,
0.2546

■ 82.6940, 0.3421,
0.3473

■ 85.3682, 0.3414,
0.3520

■ 88.1146, 0.3406,
0.3566

Harmonies

Analogous

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



50.7057, 0.2747, 0.3320



50.7057, 0.2654, 0.3092



50.7057, 0.2681, 0.2931

Triad

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



50.7057, 0.2654, 0.3092



50.7057, 0.3305, 0.3049



50.7057, 0.3429, 0.3733

Complementary

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



50.7057, 0.2654, 0.3092



41.1642, 0.3787, 0.3478

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.



50.7057, 0.3590, 0.3637



50.7057, 0.2654, 0.3092



50.7057, 0.3519, 0.3243

Square

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



50.7057, 0.2654, 0.3092



50.7057, 0.3049, 0.2915



50.7057, 0.3625, 0.3456



50.7057, 0.3190, 0.3705

Rectangle

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



50.7057, 0.2654, 0.3092



50.7057, 0.2764, 0.2879



50.7057, 0.3625, 0.3456



50.7057, 0.3494, 0.3714

Sweetspot

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



50.7077, 0.2654, 0.3092



92.6763, 0.2988, 0.3239



55.6131, 0.2993, 0.4009



19.5951, 0.2965, 0.3230



0.0000, 0.0000, 0.0000



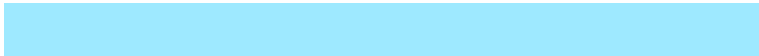
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7077, 0.2654, 0.3092



72.9762, 0.2560, 0.3043



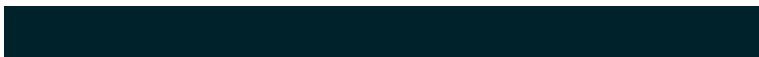
37.3121, 0.2599, 0.2634



13.6153, 0.2982, 0.3237



19.6221, 0.2044, 0.2558



1.3020, 0.2083, 0.2699

Inverse Universe

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



38.2737, 0.3303, 0.2670



51.6511, 0.3351, 0.2537



54.1749, 0.3665, 0.3869



12.5830, 0.3171, 0.3111



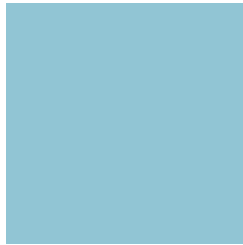
10.3257, 0.3865, 0.1903



0.6348, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 50.7057, 0.2654, 0.3092 looks on a white background.

Color Contrast Check

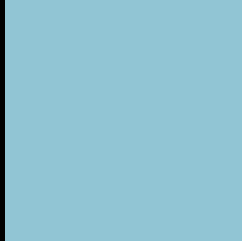
Large Text (above 18pt) WCAG AA × Fail

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 50.7057, 0.2654, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

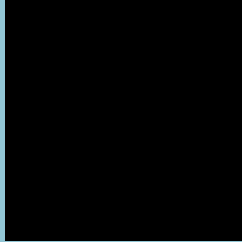
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7057, 0.2654, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 50.7057, 0.2654, 0.3092.



This preview shows how white text looks on a background with the Yxy color 50.7057, 0.2654, 0.3092.

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

50.7057, 0.2654, 0.3092

Protanopia

50.4360, 0.2977, 0.3054

Deuteranopia

50.2426, 0.2974, 0.2905



Tritanopia

50.7563, 0.2648, 0.3079

Trichromacy



Original Color

50.7057, 0.2654, 0.3092

Protanomaly

50.4736, 0.2850, 0.3073

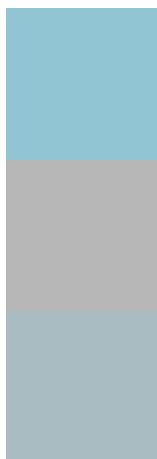
Deuteranomaly

50.0516, 0.2845, 0.2965

Tritanomaly

50.7563, 0.2648, 0.3079

Monochromacy



Original Color

50.7057, 0.2654, 0.3092

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.2965, 0.2931, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7057, 0.2654, 0.3092 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(145, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(145, 197, 212)  
}
```

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(145, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 197, 212) }
```

Border

The CSS property to change the border of an element to Yxy 50.7057, 0.2654, 0.3092 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(145, 197, 212) }
```

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

```
.border{ border-color:rgb(145, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(145, 197,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7057, 0.2654, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 197, 212) }
```

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

```
.background{ background-color: rgb(145,  
197, 212) }
```

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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