

Converting Colors

$Yxy(50.5711, 0.2643, 0.3090)$

Have a look what the booklet for
Yxy(50.5711, 0.2643, 0.3090)
contains.

Yxy(50.5256, 0.2641, 0.3091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.5256, 0.2641, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	8FC5D4
RGB	143, 197, 212
RGB Percent	56%, 77%, 83%
CMY	0.4394, 0.2274, 0.1686
CMYK	0.33, 0.07, 0.00, 0.17
HSL	193°, 45%, 70%
HSV	193°, 33%, 83%
XYZ	43.1699, 50.5256, 69.7649
YIQ	182.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

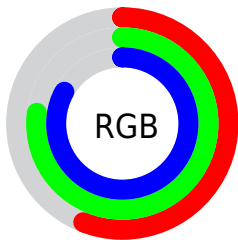
Format	Color
RYB	143, 173, 212
Decimal	9422292
CIELab	76.39, -13.89, -13.13
CIElCh	76, 19.114, 223.372
Yxy	50.5256, 0.2641, 0.3091
Android (android.graphics.Color)	4287612372 (0xFF8FC5D4)
YUV	182.5640, 14.5119, -34.6976
Hunter-Lab	71.0814, -15.9839, -8.4350

Details

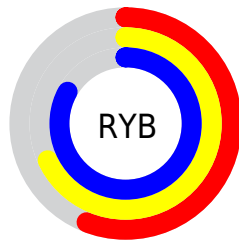
The Yxy color **50.5256, 0.2641, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4083, 0.3816, 0.3479**, and the grayscale version is **47.0320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2457, 0.2799, 0.3279**, and **24.2529, 0.2519, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **46.7541, 0.2507, 0.3020**, and if you desaturate by 10%, it is **54.7224, 0.2785, 0.3158**.

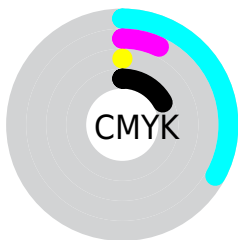
Distribution



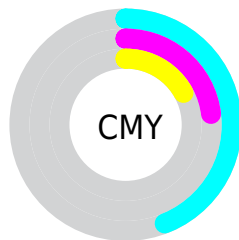
- Red (56%)
- Green (77%)
- Blue (83%)



- Red (56%)
- Yellow (68%)
- Blue (83%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)




- Cyan (44%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5256, 0.2641, 0.3091 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 50.5256, 0.2641, 0.3091 by changing the saturation by 10% instead.


 50.5256, 0.2641,
0.3091


 50.5256, 0.2641,
0.3091


388.7178, 0.2877,
0.3193

 35.8312, 0.2584,
0.3065

 90.9531, 0.2725,
0.3128

 24.3039, 0.2513,
0.3031


 117.4551, 0.2757,
0.3142

 15.5592, 0.2421,
0.2986


148.6616, 0.2784,
0.3154

 9.2128, 0.2296,
0.2923

184.9572, 0.2808,
0.3164

 4.8802, 0.2120,
0.2827

226.7263, 0.2828,
0.3173

 2.1772, 0.1853,
0.2670

274.3531, 0.2846,

 0.7075, 0.1139,

0.3180

0.2419

328.2222, 0.2862,
0.3187

0.0000, 0.0000,
0.0000

50.5256, 0.2641,
0.3091

50.5256, 0.2641,
0.3091

46.7541, 0.2507,
0.3020

54.7224, 0.2785,
0.3158

43.3810, 0.2385,
0.2944

59.3576, 0.2935,
0.3220

40.3857, 0.2279,
0.2866

64.4510, 0.3088,
0.3276

37.7426, 0.2191,
0.2787

70.0196, 0.3241,
0.3327

35.4227, 0.2123,
0.2707

76.0790, 0.3393,
0.3373

■ 33.3909, 0.2074,
0.2627

■ 79.6583, 0.3430,
0.3418

■ 32.0245, 0.2047,
0.2569

■ 82.1739, 0.3423,
0.3464

■ 84.7570, 0.3415,
0.3509

■ 87.4081, 0.3408,
0.3554

Harmonies

Analogous

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



50.5256, 0.2740, 0.3327



50.5256, 0.2641, 0.3091



50.5256, 0.2665, 0.2923

Triad

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



50.5256, 0.2641, 0.3091



50.5256, 0.3304, 0.3037



50.5256, 0.3443, 0.3746

Complementary

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



50.5256, 0.2641, 0.3091



40.4083, 0.3816, 0.3479

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.



50.5256, 0.3607, 0.3643



50.5256, 0.2641, 0.3091



50.5256, 0.3527, 0.3236

Square

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



50.5256, 0.2641, 0.3091



50.5256, 0.3039, 0.2901



50.5256, 0.3639, 0.3455



50.5256, 0.3198, 0.3721

Rectangle

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



50.5256, 0.2641, 0.3091



50.5256, 0.2749, 0.2867



50.5256, 0.3639, 0.3455



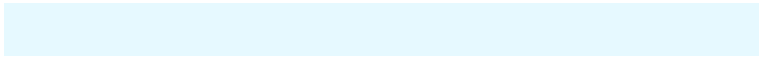
50.5256, 0.3510, 0.3724

Sweetspot

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



50.5276, 0.2641, 0.3091



92.0004, 0.2972, 0.3234



55.3878, 0.2989, 0.4036



19.4637, 0.2950, 0.3226



0.0000, 0.0000, 0.0000



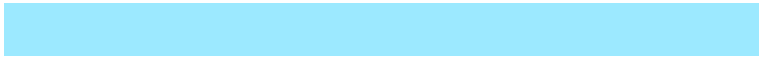
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5276, 0.2641, 0.3091



72.7582, 0.2548, 0.3043



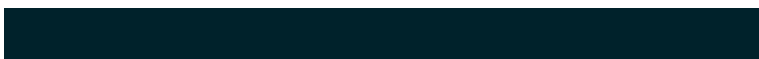
36.6085, 0.2582, 0.2610



13.6292, 0.2982, 0.3238



19.9224, 0.2050, 0.2580



1.3178, 0.2088, 0.2717

Inverse Universe

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



37.6569, 0.3306, 0.2646



50.7933, 0.3353, 0.2511



53.8694, 0.3684, 0.3887



12.5844, 0.3171, 0.3109



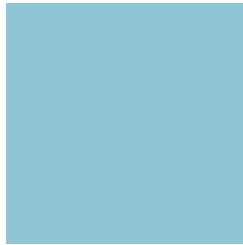
10.3560, 0.3843, 0.1891



0.6364, 0.3713, 0.1819

Previews

White Background



This preview shows how the Yxy color 50.5256, 0.2641, 0.3091 looks on a white background.

Color Contrast Check

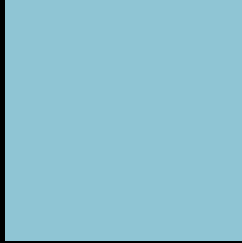
Large Text (above 18pt) WCAG AA × Fail

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 50.5256, 0.2641, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

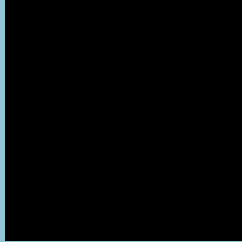
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5256, 0.2641, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 50.5256, 0.2641, 0.3091.



This preview shows how white text looks on a background with the Yxy color 50.5256, 0.2641, 0.3091.

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

50.5256, 0.2641, 0.3091

Protanopia

50.3875, 0.2984, 0.3066

Deuteranopia

50.1107, 0.2966, 0.2904



Tritanopia

50.5762, 0.2636, 0.3078

Trichromacy



Original Color

50.5256, 0.2641, 0.3091

Protanomaly

50.3617, 0.2843, 0.3073

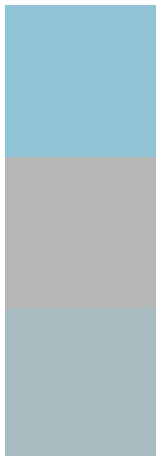
Deuteranomaly

49.9354, 0.2837, 0.2964

Tritanomaly

50.5762, 0.2636, 0.3078

Monochromacy



Original Color

50.5256, 0.2641, 0.3091

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1863, 0.2923, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5256, 0.2641, 0.3091 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(143, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 197, 212) }
```

Border

The CSS property to change the border of an element to Yxy 50.5256, 0.2641, 0.3091 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(143, 197, 212) }
```

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

```
.border{ border-color:rgb(143, 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(143, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(143, 197,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5256, 0.2641, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 197, 212) }
```

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

```
.background{ background-color: rgb(143,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor