

Converting Colors

$Y_{xy}(50.5896, 0.2618, 0.3052)$

Have a look what the booklet for
Yxy(50.5896, 0.2618, 0.3052)
contains.

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Color

Yxy(50.5896, 0.2618, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	8EC5D7
RGB	142, 197, 215
RGB Percent	56%, 77%, 84%
CMY	0.4429, 0.2275, 0.1568
CMYK	0.34, 0.08, 0.00, 0.16
HSL	195°, 48%, 70%
HSV	195°, 34%, 84%
XYZ	43.3957, 50.5896, 71.7736
YIQ	182.6070, -38.5580, -6.0620

Conversions

Conversions Part 2

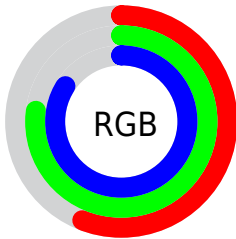
Format	Color
RYB	142, 173, 215
Decimal	9356759
CIELab	76.43, -13.39, -14.70
CIELCh	76, 19.885, 227.659
Yxy	50.5896, 0.2618, 0.3052
Android (android.graphics.Color)	4287546839 (0xFF8EC5D7)
YUV	182.6070, 15.9697, -35.6123
Hunter-Lab	71.1264, -15.5646, -10.0411

Details

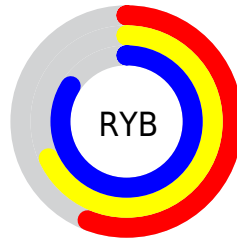
The Yxy color **50.5896, 0.2618, 0.3052** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5730, 0.3846, 0.3514**, and the grayscale version is **47.0621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1094, 0.2794, 0.3279**, and **24.2577, 0.2483, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **46.4991, 0.2482, 0.2969**, and if you desaturate by 10%, it is **55.1359, 0.2763, 0.3129**.

Distribution



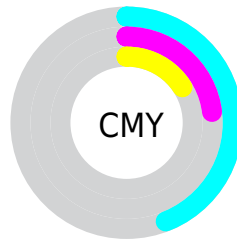
- Red (56%)
- Green (77%)
- Blue (84%)



- Red (56%)
- Yellow (68%)
- Blue (84%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5896, 0.2618, 0.3052 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 50.5896, 0.2618, 0.3052 by changing the saturation by 10% instead.


 50.5896, 0.2618,
0.3052

 50.5896, 0.2618,
0.3052

388.9672, 0.2864,
0.3173

 35.8821, 0.2559,
0.3021


 91.0478, 0.2706,
0.3096

 24.3432, 0.2485,
0.2982


 117.5674, 0.2739,
0.3113

 15.5884, 0.2389,
0.2929


148.7930, 0.2768,
0.3127

 9.2333, 0.2259,
0.2855

185.1092, 0.2792,
0.3139

 4.8937, 0.2077,
0.2745

226.9004, 0.2814,
0.3149

 2.1850, 0.1804,
0.2567

274.5508, 0.2833,

 0.7118, 0.1117,

0.3158

0.2274

328.4449, 0.2850,
0.3166

0.0000, 0.0000,
0.0000

50.5896, 0.2618,
0.3052

50.5896, 0.2618,
0.3052

46.4991, 0.2482,
0.2969

55.1359, 0.2763,
0.3129

42.8365, 0.2359,
0.2882

60.1523, 0.2913,
0.3201

39.5795, 0.2251,
0.2792

65.6599, 0.3067,
0.3266

36.7010, 0.2161,
0.2700

71.6763, 0.3220,
0.3325

34.1699, 0.2091,
0.2608

78.2184, 0.3371,
0.3378

■ 31.9485, 0.2041,
0.2516

■ 82.1263, 0.3403,
0.3430

■ 30.7126, 0.2017,
0.2461

■ 85.1080, 0.3395,
0.3482

■ 88.1805, 0.3387,
0.3533

■ 91.3444, 0.3379,
0.3585

Harmonies

Analogous

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



50.5896, 0.2703, 0.3291



50.5896, 0.2618, 0.3052



50.5896, 0.2662, 0.2892

Triad

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



50.5896, 0.2618, 0.3052



50.5896, 0.3348, 0.3054



50.5896, 0.3423, 0.3770

Complementary

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



50.5896, 0.2618, 0.3052



41.5730, 0.3846, 0.3514

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.



50.5896, 0.3609, 0.3679



50.5896, 0.2618, 0.3052



50.5896, 0.3568, 0.3265

Square

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



50.5896, 0.2618, 0.3052



50.5896, 0.3074, 0.2901



50.5896, 0.3665, 0.3492



50.5896, 0.3161, 0.3723

Rectangle

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



50.5896, 0.2618, 0.3052



50.5896, 0.2759, 0.2845



50.5896, 0.3665, 0.3492



50.5896, 0.3497, 0.3753

Sweetspot

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



50.5916, 0.2618, 0.3052



91.5272, 0.2972, 0.3227



56.8684, 0.2976, 0.4056



19.3487, 0.2950, 0.3217



0.0000, 0.0000, 0.0000



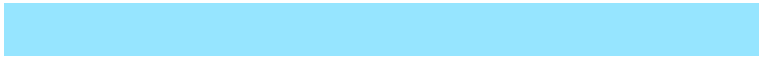
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5916, 0.2618, 0.3052



69.8825, 0.2516, 0.2991



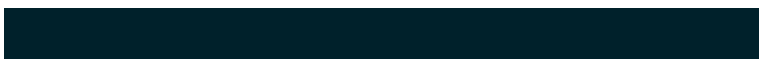
36.3330, 0.2554, 0.2559



13.5640, 0.2982, 0.3231



18.5427, 0.2021, 0.2475



1.2450, 0.2065, 0.2632

Inverse Universe

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



37.8437, 0.3336, 0.2642



48.8835, 0.3396, 0.2501



55.6839, 0.3705, 0.3926



12.5778, 0.3175, 0.3116



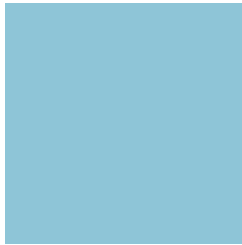
10.2167, 0.3947, 0.1948



0.6290, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 50.5896, 0.2618, 0.3052 looks on a white background.

Color Contrast Check

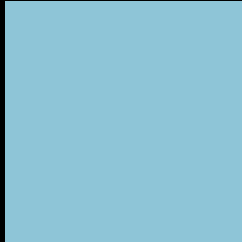
Large Text (above 18pt) WCAG AA × Fail

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 50.5896, 0.2618, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

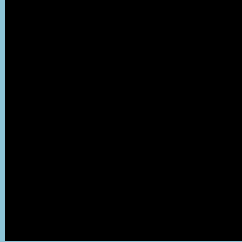
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

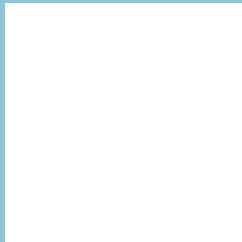
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5896, 0.2618, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 50.5896, 0.2618, 0.3052.



This preview shows how white text looks on a background with the Yxy color 50.5896, 0.2618, 0.3052.

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

50.5896, 0.2618, 0.3052

Protanopia

50.4090, 0.2955, 0.3030

Deuteranopia

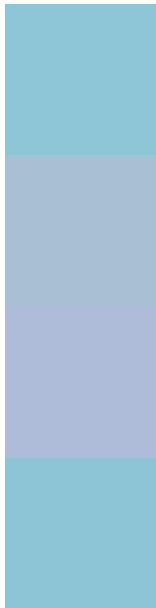
50.1354, 0.2937, 0.2869



Tritanopia

50.4874, 0.2629, 0.3078

Trichromacy



Original Color

50.5896, 0.2618, 0.3052

Protanomaly

50.3998, 0.2816, 0.3035

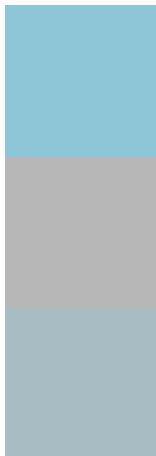
Deuteranomaly

49.9749, 0.2810, 0.2928

Tritanomaly

50.5383, 0.2624, 0.3065

Monochromacy



Original Color

50.5896, 0.2618, 0.3052

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.2314, 0.2916, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5896, 0.2618, 0.3052 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(142, 197, 215)` looks like.

```
.text, #text, p{  
    color:rgb(142, 197, 215)  
}
```

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(142, 197, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 197, 215) }
```

Border

The CSS property to change the border of an element to Yxy 50.5896, 0.2618, 0.3052 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(142, 197, 215) }
```

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

```
.border{ border-color:rgb(142, 197, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 197, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 197, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 197, 215); box-shadow:4px 4px 4px 4px rgb(142, 197, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5896, 0.2618, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 197, 215) }
```

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

```
.background{ background-color: rgb(142,  
197, 215) }
```

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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