

Converting Colors

$Y_{xy}(56.0529, 0.2590, 0.3153)$

Have a look what the booklet for
Yxy(56.0529, 0.2590, 0.3153)
contains.

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Color

Yxy(56.1187, 0.2594, 0.3160)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8AD1DB |
| RGB | 138, 209, 219 |
| RGB Percent | 54%, 82%, 86% |
| CMY | 0.4588, 0.1804, 0.1413 |
| CMYK | 0.37, 0.05, 0.00, 0.14 |
| HSL | 187°, 53%, 70% |
| HSV | 187°, 37%, 86% |
| XYZ | 46.0671, 56.1187, 75.4051 |
| YIQ | 188.9110, -45.5260, -11.9420 |

Conversions

Conversions Part 2

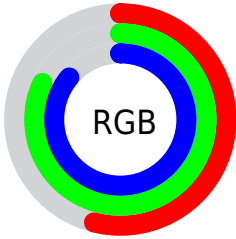
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 138, 176, 219 |
| Decimal | 9097691 |
| CIELab | 79.68, -19.67, -11.98 |
| CIELCh | 80, 23.027, 211.348 |
| Yxy | 56.1187, 0.2594, 0.3160 |
| Android (android.graphics.Color) | 4287287771 (0xFF8AD1DB) |
| YUV | 188.9110, 14.8339, -44.6489 |
| Hunter-Lab | 74.9124, -21.3289, -7.2412 |

Details

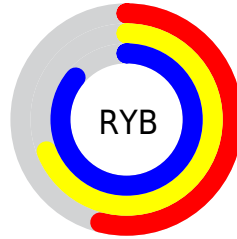
The Yxy color **56.1187, 0.2594, 0.3160** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0689, 0.3980, 0.3414**, and the grayscale version is **50.7710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **27.6305, 0.2459, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **53.1248, 0.2475, 0.3119**, and if you desaturate by 10%, it is **59.5160, 0.2727, 0.3199**.

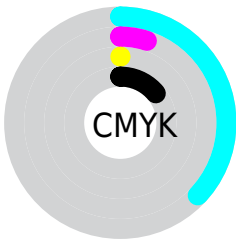
Distribution



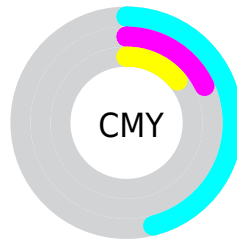
- Red (54%)
- Green (82%)
- Blue (86%)



- Red (54%)
- Yellow (69%)
- Blue (86%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)





- Cyan (46%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1187, 0.2594, 0.3160 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 56.1187, 0.2594, 0.3160 by changing the saturation by 10% instead.


 56.1187, 0.2594,
0.3160

 56.1187, 0.2594,
0.3160


410.1387, 0.2848,
0.3228

 40.2981, 0.2535,
0.3142


 99.1781, 0.2683,
0.3185

 27.7710, 0.2460,
0.3119


 127.1857, 0.2718,
0.3195

 18.1531, 0.2365,
0.3088


 160.0244, 0.2747,
0.3202

 11.0600, 0.2239,
0.3044

198.0787, 0.2772,
0.3209

 6.1072, 0.2064,
0.2978

241.7328, 0.2795,
0.3215

 2.9104, 0.1808,
0.2868

291.3713, 0.2814,

 1.0851, 0.1331,

0.3220

0.2681

347.3784, 0.2832,
0.3224

■ 0.0000, 0.0000,
0.0000

■ 56.1187, 0.2594,
0.3160

■ 56.1187, 0.2594,
0.3160

■ 53.1248, 0.2475,
0.3119

■ 59.5160, 0.2727,
0.3199

■ 50.5048, 0.2371,
0.3077

■ 63.3309, 0.2870,
0.3235

■ 48.2355, 0.2286,
0.3034

■ 67.5853, 0.3020,
0.3268

■ 46.2883, 0.2220,
0.2991

■ 72.2971, 0.3174,
0.3299

■ 44.6297, 0.2173,
0.2947

■ 77.4836, 0.3330,
0.3327

■ 43.2159, 0.2144,
0.2905

■ 80.3260, 0.3381,
0.3353

■ 42.8134, 0.2137,
0.2892

■ 81.7977, 0.3377,
0.3380

■ 83.2925, 0.3373,
0.3407

■ 84.8106, 0.3370,
0.3433

Harmonies

Analogous

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



56.1187, 0.2759, 0.3449



56.1187, 0.2594, 0.3160



56.1187, 0.2565, 0.2927

Triad

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



56.1187, 0.2594, 0.3160



56.1187, 0.3208, 0.2924



56.1187, 0.3586, 0.3787

Complementary

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



56.1187, 0.2594, 0.3160



38.0689, 0.3980, 0.3414

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.



56.1187, 0.3722, 0.3617



56.1187, 0.2594, 0.3160



56.1187, 0.3499, 0.3128

Square

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



56.1187, 0.2594, 0.3160



56.1187, 0.2908, 0.2807



56.1187, 0.3691, 0.3377



56.1187, 0.3328, 0.3825

Rectangle

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



56.1187, 0.2594, 0.3160



56.1187, 0.2624, 0.2832



56.1187, 0.3691, 0.3377



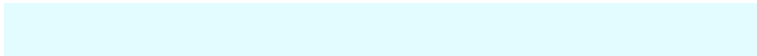
56.1187, 0.3647, 0.3742

Sweetspot

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



56.1209, 0.2594, 0.3160



92.8779, 0.2957, 0.3255



58.1770, 0.3020, 0.4273



19.7035, 0.2937, 0.3250



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.



56.1209, 0.2594, 0.3160



76.0581, 0.2504, 0.3130



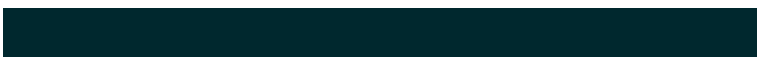
38.9134, 0.2516, 0.2613



14.5415, 0.2982, 0.3260



25.5019, 0.2139, 0.2898



1.7307, 0.2158, 0.2968

Inverse Universe

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



37.8422, 0.3263, 0.2479



47.2065, 0.3296, 0.2324



52.8339, 0.3803, 0.3881



13.2458, 0.3156, 0.3087



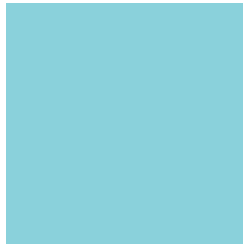
11.1982, 0.3545, 0.1726



0.7334, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 56.1187, 0.2594, 0.3160 looks on a white background.

Color Contrast Check

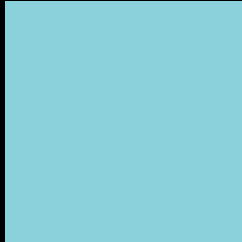
Large Text (above 18pt) WCAG AA × Fail

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 56.1187, 0.2594, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

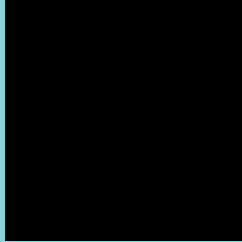
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1187, 0.2594, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 56.1187, 0.2594, 0.3160.

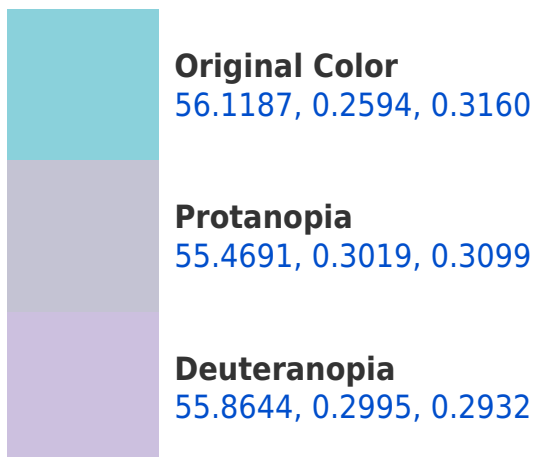


This preview shows how white text looks on a background with the Yxy color 56.1187, 0.2594, 0.3160.

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

56.1234, 0.2571, 0.3072

Trichromacy



Original Color

56.1187, 0.2594, 0.3160

Protanomaly

55.2776, 0.2845, 0.3116

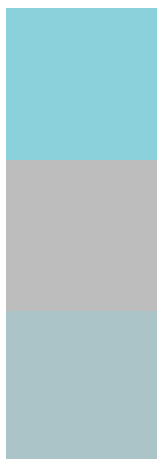
Deuteranomaly

55.3654, 0.2828, 0.2999

Tritanomaly

55.9284, 0.2576, 0.3097

Monochromacy



Original Color

56.1187, 0.2594, 0.3160

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.1960, 0.2900, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1187, 0.2594, 0.3160 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(138, 209, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 209, 219)  
}
```

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(138, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 209, 219) }
```

Border

The CSS property to change the border of an element to Yxy 56.1187, 0.2594, 0.3160 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(138, 209, 219) }
```

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

```
.border{ border-color:rgb(138, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 209,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1187, 0.2594, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 209, 219) }
```

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

```
.background{ background-color: rgb(138,  
209, 219) }
```

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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