

Converting Colors

$Yxy(56.6626, 0.2575, 0.3262)$

Have a look what the booklet for
Yxy(56.6626, 0.2575, 0.3262)
contains.

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Color

Yxy(56.6091, 0.2578, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	81D4D6
RGB	129, 212, 214
RGB Percent	51%, 83%, 84%
CMY	0.4940, 0.1686, 0.1607
CMYK	0.40, 0.01, 0.00, 0.16
HSL	181°, 51%, 67%
HSV	181°, 40%, 84%
XYZ	44.7389, 56.6091, 72.1931
YIQ	187.4110, -50.1100, -16.9740

Conversions

Conversions Part 2

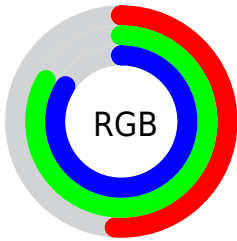
Format	Color
R _{YB}	129, 171, 214
Decimal	8508630
CIE _{Lab}	79.96, -24.67, -8.95
CIE _{LCh}	80, 26.248, 199.939
Yxy	56.6091, 0.2578, 0.3262
Android (android.graphics.Color)	4286698710 (0xFF81D4D6)
YUV	187.4110, 13.1084, -51.2264
Hunter-Lab	75.2390, -25.5280, -4.2224

Details

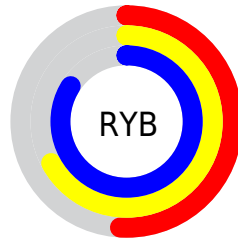
The Yxy color **56.6091, 0.2578, 0.3262** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.1294, 0.4112, 0.3318**, and the grayscale version is **49.8896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **28.0336, 0.2444, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **54.8536, 0.2474, 0.3254**, and if you desaturate by 10%, it is **58.7208, 0.2699, 0.3270**.

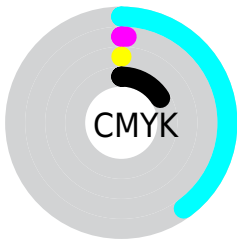
Distribution



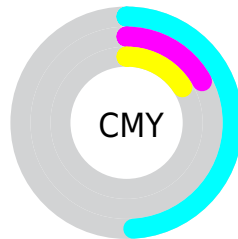
- Red (51%)
- Green (83%)
- Blue (84%)



- Red (51%)
- Yellow (67%)
- Blue (84%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)





- Cyan (49%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6091, 0.2578, 0.3262 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 56.6091, 0.2578, 0.3262 by changing the saturation by 10% instead.


 56.6091, 0.2578,
0.3262


 56.6091, 0.2578,
0.3262


411.9829, 0.2839,
0.3281

 40.6915, 0.2517,
0.3256


 99.8946, 0.2670,
0.3270

 28.0781, 0.2440,
0.3248


 128.0313, 0.2705,
0.3272

 18.3845, 0.2342,
0.3236


 161.0097, 0.2736,
0.3275

 11.2264, 0.2212,
0.3217

199.2144, 0.2762,
0.3276

 6.2193, 0.2032,
0.3186

243.0296, 0.2785,
0.3278

 2.9789, 0.1767,
0.3128

292.8399, 0.2805,

 1.1207, 0.1213,

0.3279

0.3050

349.0295, 0.2823,
0.3280

0.0000, 0.0000,
0.0000

56.6091, 0.2578,
0.3262

56.6091, 0.2578,
0.3262

54.8536, 0.2474,
0.3254

58.7208, 0.2699,
0.3270

53.4256, 0.2387,
0.3246

61.2022, 0.2833,
0.3277

52.3027, 0.2320,
0.3238


64.0743, 0.2979,
0.3284

51.4569, 0.2272,
0.3230

67.3543, 0.3132,
0.3290

50.8549, 0.2242,
0.3222


71.0586, 0.3290,
0.3296


 50.4390, 0.2227,
0.3215

 74.7365, 0.3432,
0.3301

 50.4276, 0.2226,
0.3215

 74.9952, 0.3431,
0.3306

 75.2546, 0.3430,
0.3312

 75.5149, 0.3429,
0.3317

Harmonies

Analogous

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



56.6091, 0.2813, 0.3592



56.6091, 0.2578, 0.3262



56.6091, 0.2486, 0.2964

Triad

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



56.6091, 0.2578, 0.3262



56.6091, 0.3084, 0.2814



56.6091, 0.3726, 0.3793

Complementary

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



56.6091, 0.2578, 0.3262



32.1294, 0.4112, 0.3318

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.



56.6091, 0.3814, 0.3559



56.6091, 0.2578, 0.3262



56.6091, 0.3432, 0.3010

Square

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



56.6091, 0.2578, 0.3262



56.6091, 0.2765, 0.2728



56.6091, 0.3705, 0.3276



56.6091, 0.3476, 0.3905

Rectangle

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



56.6091, 0.2578, 0.3262



56.6091, 0.2512, 0.2824



56.6091, 0.3705, 0.3276



56.6091, 0.3776, 0.3725

Sweetspot

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



56.6113, 0.2578, 0.3262



94.1897, 0.2943, 0.3282



54.3923, 0.3062, 0.4481



20.0367, 0.2923, 0.3281



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.



56.6113, 0.2578, 0.3262



81.8580, 0.2485, 0.3255



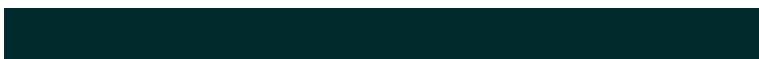
38.3151, 0.2488, 0.2678



14.0550, 0.2983, 0.3284



30.4998, 0.2227, 0.3216



1.8559, 0.2230, 0.3229

Inverse Universe

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



34.7611, 0.3192, 0.2337



44.9604, 0.3207, 0.2147



45.7476, 0.3901, 0.3827



12.6274, 0.3141, 0.3066



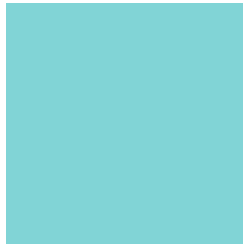
11.4238, 0.3269, 0.1574



0.6907, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 56.6091, 0.2578, 0.3262 looks on a white background.

Color Contrast Check

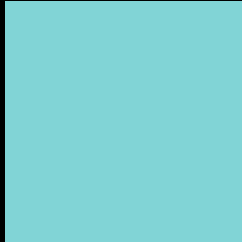
Large Text (above 18pt) WCAG AA × Fail

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 56.6091, 0.2578, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

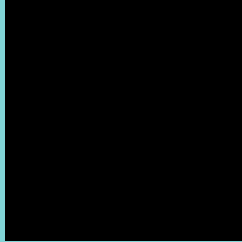
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

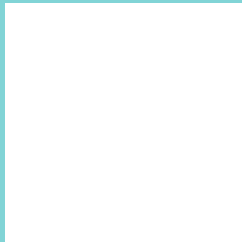
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6091, 0.2578, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 56.6091, 0.2578, 0.3262.

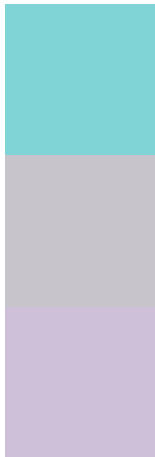


This preview shows how white text looks on a background with the Yxy color 56.6091, 0.2578, 0.3262.

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

56.6091, 0.2578, 0.3262

Protanopia

55.9816, 0.3092, 0.3194

Deuteranopia

56.0266, 0.3054, 0.2990



Tritanopia

56.6258, 0.2527, 0.3072

Trichromacy



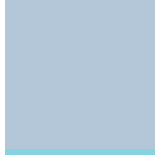
Original Color

56.6091, 0.2578, 0.3262



Protanomaly

55.7938, 0.2879, 0.3215



Deuteranomaly

55.4403, 0.2854, 0.3070



Tritanomaly

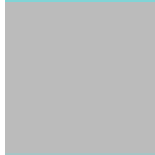
56.7680, 0.2550, 0.3147

Monochromacy



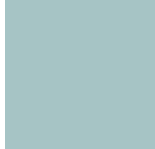
Original Color

56.6091, 0.2578, 0.3262



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.6181, 0.2891, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6091, 0.2578, 0.3262 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(129, 212, 214)` looks like.

```
.text, #text, p{  
    color:rgb(129, 212, 214)  
}
```

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(129, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 212, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.6091, 0.2578, 0.3262 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(129, 212, 214) }
```

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

```
.border{ border-color:rgb(129, 212, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 212, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(129, 212,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6091, 0.2578, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 212, 214) }
```

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

```
.background{ background-color: rgb(129,  
212, 214) }
```

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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