

Converting Colors

$Yxy(56.8477, 0.2284, 0.3314)$

Have a look what the booklet for
Yxy(56.8477, 0.2284, 0.3314)
contains.

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Color

Yxy(56.6604, 0.2285, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	26DCDA
RGB	38, 220, 218
RGB Percent	15%, 86%, 85%
CMY	0.8497, 0.1373, 0.1451
CMYK	0.83, 0.00, 0.01, 0.14
HSL	179°, 72%, 51%
HSV	179°, 83%, 86%
XYZ	39.0555, 56.6604, 75.2054
YIQ	165.3540, -107.8300, -39.2060

Conversions

Conversions Part 2

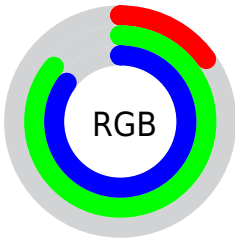
Format	Color
R_{YB}	38, 130, 220
Decimal	2546906
CIE _{Lab}	79.99, -42.02, -11.29
CIE _{LCh}	80, 43.512, 195.044
Yxy	56.6604, 0.2285, 0.3315
Android (android.graphics.Color)	4280736986 (0xFF26DCDA)
YUV	165.3540, 25.9545, -111.6895
Hunter-Lab	75.2731, -39.1131, -6.5455

Details

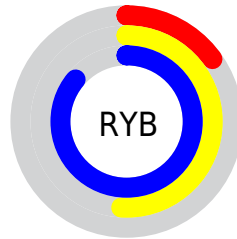
The Yxy color **56.6604, 0.2285, 0.3315** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **16.7770, 0.5996, 0.3287**, and the grayscale version is **37.7641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7331, 0.2446, 0.3288**, and **29.1953, 0.2252, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **56.3446, 0.2264, 0.3318**, and if you desaturate by 10%, it is **57.2277, 0.2324, 0.3312**.

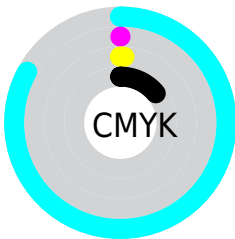
Distribution



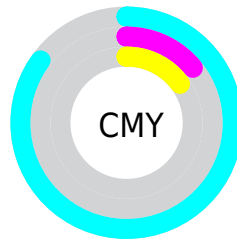
- Red (15%)
- Green (86%)
- Blue (85%)



- Red (15%)
- Yellow (51%)
- Blue (86%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (85%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6604, 0.2285, 0.3315 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 56.6604, 0.2285, 0.3315 by changing the saturation by 10% instead.


 56.6604, 0.2285,
0.3315


 56.6604, 0.2285,
0.3315


412.1756, 0.2681,
0.3315


 40.7327, 0.2194,
0.3312


 99.9695, 0.2423,
0.3318


 28.1102, 0.2081,
0.3306


 128.1196, 0.2477,
0.3318


 18.4088, 0.1939,
0.3295


 161.1127, 0.2523,
0.3318

 11.2439, 0.1754,
0.3276

 199.3331, 0.2563,
0.3317

 6.2311, 0.1506,
0.3238

 243.1651, 0.2598,
0.3317

 2.9861, 0.1163,
0.3158

292.9933, 0.2629,

 1.1245, 0.0071,

0.3316

0.3165

349.2020, 0.2656,
0.3316

■ 0.0000, 0.0000,
0.0000

■ 56.6604, 0.2285,
0.3315

■ 56.6604, 0.2285,
0.3315

■ 56.3446, 0.2264,
0.3318

■ 57.2277, 0.2324,
0.3312

■ 56.2222, 0.2256,
0.3321

■ 58.0780, 0.2382,
0.3308

■ 59.2447, 0.2459,
0.3305

■ 60.7552, 0.2555,
0.3302

■ 62.6337, 0.2669,
0.3298

■ 64.9024, 0.2797,
0.3296

■ 67.5816, 0.2938,
0.3293

■ 70.6903, 0.3087,
0.3291

■ 74.2463, 0.3243,
0.3288

Harmonies

Analogous

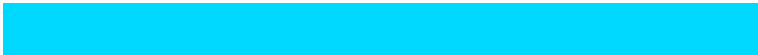
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.6604, 0.2681, 0.3889



56.6604, 0.2285, 0.3315



56.6604, 0.2112, 0.2801

Triad

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



56.6604, 0.2285, 0.3315



56.6604, 0.2951, 0.2504



56.6604, 0.4150, 0.4029

Complementary

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



56.6604, 0.2285, 0.3315



16.7770, 0.5996, 0.3287

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.



56.6604, 0.4261, 0.3616



56.6604, 0.2285, 0.3315



56.6604, 0.3533, 0.2781

Square

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



56.6604, 0.2285, 0.3315



56.6604, 0.2467, 0.2394



56.6604, 0.4032, 0.3173



56.6604, 0.3759, 0.4297

Rectangle

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



56.6604, 0.2285, 0.3315



56.6604, 0.2128, 0.2566



56.6604, 0.4032, 0.3173



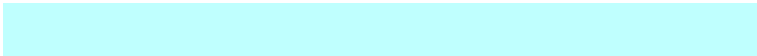
56.6604, 0.4223, 0.3901

Sweetspot

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



56.6625, 0.2285, 0.3315



89.8038, 0.2762, 0.3296



51.8032, 0.3016, 0.5813



18.9789, 0.2716, 0.3297



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.



56.6625, 0.2285, 0.3315



78.5792, 0.2257, 0.3321



22.1385, 0.1914, 0.1926



14.8270, 0.2984, 0.3292



33.0000, 0.2256, 0.3320



2.1387, 0.2254, 0.3315

Inverse Universe

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



16.7770, 0.5996, 0.3287



21.3270, 0.6381, 0.3295



30.3119, 0.5088, 0.4130



13.0538, 0.3290, 0.3288



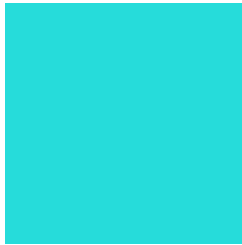
8.9341, 0.6388, 0.3293



0.5796, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 56.6604, 0.2285, 0.3315 looks on a white background.

Color Contrast Check

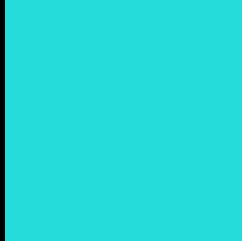
Large Text (above 18pt) WCAG AA × Fail

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 56.6604, 0.2285, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

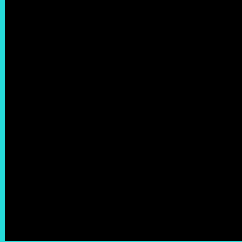
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

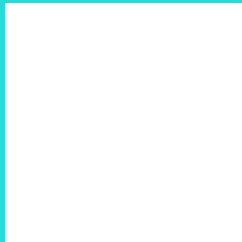
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6604, 0.2285, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 56.6604, 0.2285, 0.3315.

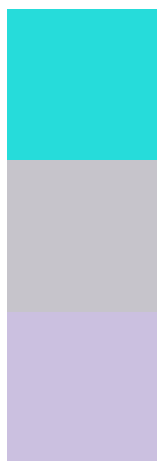


This preview shows how white text looks on a background with the Yxy color 56.6604, 0.2285, 0.3315.

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

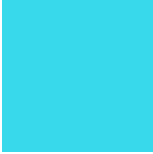
56.6604, 0.2285, 0.3315

Protanopia

55.7974, 0.3092, 0.3206

Deuteranopia

55.7776, 0.2981, 0.2920



Tritanopia

56.4361, 0.2235, 0.3048

Trichromacy



Original Color

56.6604, 0.2285, 0.3315



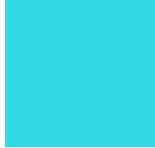
Protanomaly

53.7922, 0.2660, 0.3249



Deuteranomaly

53.3546, 0.2593, 0.3032



Tritanomaly

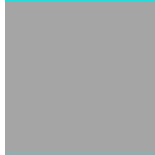
56.4529, 0.2251, 0.3139

Monochromacy



Original Color

56.6604, 0.2285, 0.3315



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

42.0806, 0.2638, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6604, 0.2285, 0.3315 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(38, 220, 218)` looks like.

```
.text, #text, p{  
    color:rgb(38, 220, 218)  
}
```

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(38, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 220, 218) }
```

Border

The CSS property to change the border of an element to Yxy 56.6604, 0.2285, 0.3315 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(38, 220, 218) }
```

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

```
.border{ border-color:rgb(38, 220, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 220, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 220, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 220, 218);  
box-shadow:4px 4px 4px 4px rgb(38, 220,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6604, 0.2285, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 220, 218) }
```

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

```
.background{ background-color: rgb(38, 220,  
218) }
```

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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