

Converting Colors

$Yxy(57.5878, 0.2629, 0.3416)$

Have a look what the booklet for
Yxy(57.5878, 0.2629, 0.3416)
contains.

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Color

Yxy(57.6758, 0.2632, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	81D7CD
RGB	129, 215, 205
RGB Percent	51%, 84%, 80%
CMY	0.4940, 0.1569, 0.1961
CMYK	0.40, 0.00, 0.05, 0.16
HSL	173°, 52%, 67%
HSV	173°, 40%, 84%
XYZ	44.3738, 57.6758, 66.5438
YIQ	188.1460, -48.0460, -21.3420

Conversions

Conversions Part 2

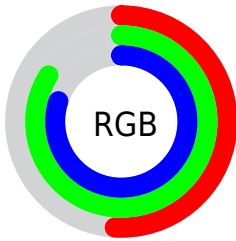
Format	Color
RYB	129, 175, 215
Decimal	8509389
CIELab	80.56, -28.32, -3.25
CIELCh	81, 28.503, 186.538
Yxy	57.6758, 0.2632, 0.3421
Android (android.graphics.Color)	4286699469 (0xFF81D7CD)
YUV	188.1460, 8.3090, -51.8710
Hunter-Lab	75.9446, -28.6070, 1.2104

Details

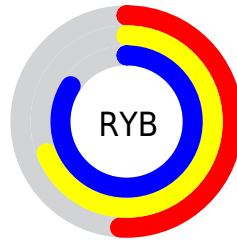
The Yxy color **57.6758, 0.2632, 0.3421** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.0181, 0.4012, 0.3169**, and the grayscale version is **50.3521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **28.7924, 0.2506, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **56.0476, 0.2539, 0.3459**, and if you desaturate by 10%, it is **59.6648, 0.2740, 0.3385**.

Distribution



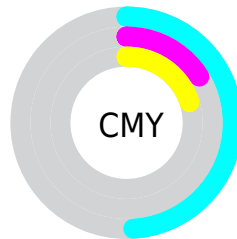
- Red (51%)
- Green (84%)
- Blue (80%)



- Red (51%)
- Yellow (69%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)





- Cyan (49%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6758, 0.2632, 0.3421 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 57.6758, 0.2632, 0.3421 by changing the saturation by 10% instead.

 57.6758, 0.2632,
0.3421


 57.6758, 0.2632,
0.3421

415.9768, 0.2868,
0.3361


 41.5481, 0.2576,
0.3435


 101.4506, 0.2715,
0.3400

 28.7476, 0.2506,
0.3451


 129.8665, 0.2748,
0.3392

 18.8900, 0.2417,
0.3473


 163.1471, 0.2775,
0.3385

 11.5908, 0.2297,
0.3500

201.6770, 0.2799,
0.3379

 6.4657, 0.2129,
0.3535

245.8406, 0.2819,
0.3373

 3.1303, 0.1880,
0.3584

296.0221, 0.2838,

 1.2001, 0.1302,

0.3369

352.6061, 0.2854,
0.3364

0.3722

0.0618, 0.0000,
0.1736

0.0000, 0.0000,
0.0000

57.6758, 0.2632,
0.3421

57.6758, 0.2632,
0.3421

56.0476, 0.2539,
0.3459

59.6648, 0.2740,
0.3385

54.7508, 0.2464,
0.3499

62.0281, 0.2860,
0.3350

53.7628, 0.2408,
0.3539

64.7869, 0.2990,
0.3319

53.0551, 0.2371,
0.3580

67.9589, 0.3127,
0.3290

■ 52.5940, 0.2353,
0.3620

■ 71.5605, 0.3268,
0.3264

■ 52.3186, 0.2350,
0.3660

■ 75.0301, 0.3388,
0.3240

■ 52.3184, 0.2350,
0.3660

■ 75.1638, 0.3370,
0.3215

■ 75.2995, 0.3353,
0.3190

■ 75.4372, 0.3335,
0.3165

Harmonies

Analogous

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



57.6758, 0.2937, 0.3755



57.6758, 0.2632, 0.3421



57.6758, 0.2461, 0.3068

Triad

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



57.6758, 0.2632, 0.3421



57.6758, 0.2916, 0.2722



57.6758, 0.3841, 0.3728

Complementary

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



57.6758, 0.2632, 0.3421



32.0181, 0.4012, 0.3169

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.



57.6758, 0.3842, 0.3443



57.6758, 0.2632, 0.3421



57.6758, 0.3290, 0.2883

Square

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



57.6758, 0.2632, 0.3421



57.6758, 0.2617, 0.2690



57.6758, 0.3636, 0.3140



57.6758, 0.3640, 0.3920

Rectangle

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



57.6758, 0.2632, 0.3421



57.6758, 0.2439, 0.2880



57.6758, 0.3636, 0.3140



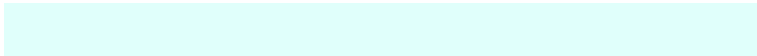
57.6758, 0.3866, 0.3639

Sweetspot

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



57.6781, 0.2632, 0.3421



94.4239, 0.2962, 0.3325



55.6810, 0.3137, 0.4488



20.0923, 0.2945, 0.3329



0.0000, 0.0000, 0.0000



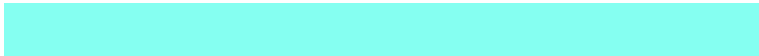
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6781, 0.2632, 0.3421



82.8098, 0.2553, 0.3453



43.0483, 0.2509, 0.2838



14.0818, 0.2998, 0.3317



31.3021, 0.2348, 0.3654



1.8952, 0.2329, 0.3585

Inverse Universe

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



32.0181, 0.4012, 0.3169



40.0277, 0.4309, 0.3146



41.8664, 0.3965, 0.3696



12.4441, 0.3273, 0.3263



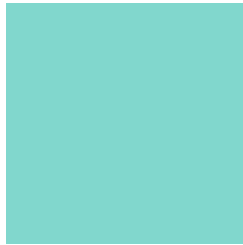
8.6912, 0.6249, 0.3216



0.5323, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 57.6758, 0.2632, 0.3421 looks on a white background.

Color Contrast Check

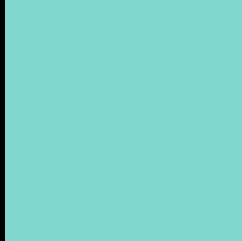
Large Text (above 18pt) WCAG AA × Fail

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 57.6758, 0.2632, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

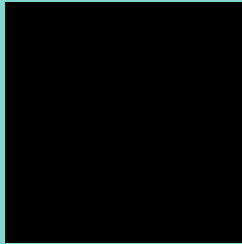
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

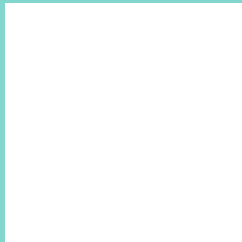
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6758, 0.2632, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 57.6758, 0.2632, 0.3421.

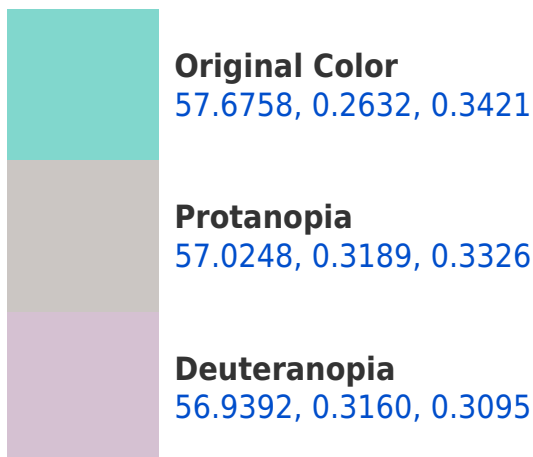


This preview shows how white text looks on a background with the Yxy color 57.6758, 0.2632, 0.3421.

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

57.3966, 0.2529, 0.3061

Trichromacy



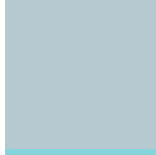
Original Color

57.6758, 0.2632, 0.3421



Protanomaly

56.5394, 0.2953, 0.3352



Deuteranomaly

56.2724, 0.2935, 0.3204



Tritanomaly

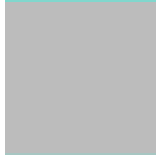
57.2408, 0.2567, 0.3185

Monochromacy



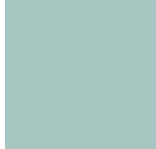
Original Color

57.6758, 0.2632, 0.3421



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.4987, 0.2919, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6758, 0.2632, 0.3421 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, 215, 205)` looks like.

```
.text, #text, p{  
    color:rgb(129, 215, 205)  
}
```

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, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 215, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.6758, 0.2632, 0.3421 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, 215, 205) }
```

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

```
.border{ border-color:rgb(129, 215, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 215, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(129, 215,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6758, 0.2632, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 215, 205) }
```

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

```
.background{ background-color: rgb(129,  
215, 205) }
```

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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