

Converting Colors

Yxy(57.4241, 0.2551, 0.3222)

Have a look what the booklet for
Yxy(57.4241, 0.2551, 0.3222)
contains.

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Color

Yxy(57.2396, 0.2554, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	80D5DA
RGB	128, 213, 218
RGB Percent	50%, 84%, 85%
CMY	0.4978, 0.1647, 0.1450
CMYK	0.41, 0.02, 0.00, 0.15
HSL	183°, 55%, 68%
HSV	183°, 41%, 85%
XYZ	45.3583, 57.2396, 74.9993
YIQ	188.1550, -52.2650, -16.4650

Conversions

Conversions Part 2

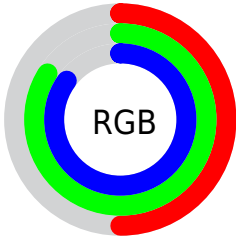
Format	Color
RYB	128, 172, 218
Decimal	8443354
CIELab	80.31, -24.42, -10.57
CIELCh	80, 26.607, 203.407
Yxy	57.2396, 0.2554, 0.3223
Android (android.graphics.Color)	4286633434 (0xFF80D5DA)
YUV	188.1550, 14.7136, -52.7559
Hunter-Lab	75.6569, -25.3839, -5.8149

Details

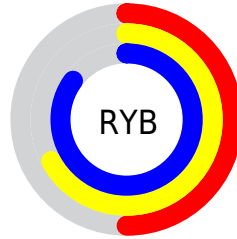
The Yxy color **57.2396, 0.2554, 0.3223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.2641, 0.4156, 0.3354**, and the grayscale version is **50.3270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **28.4377, 0.2412, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **55.1179, 0.2449, 0.3205**, and if you desaturate by 10%, it is **59.7336, 0.2675, 0.3241**.

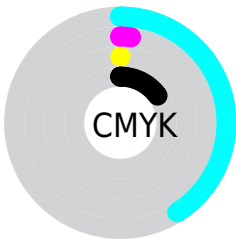
Distribution



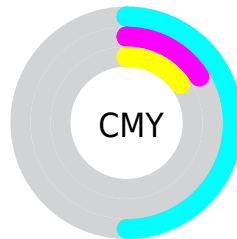
- Red (50%)
- Green (84%)
- Blue (85%)



- Red (50%)
- Yellow (67%)
- Blue (85%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)




- Cyan (50%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2396, 0.2554, 0.3223 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 57.2396, 0.2554, 0.3223 by changing the saturation by 10% instead.

 57.2396, 0.2554,
0.3223


 57.2396, 0.2554,
0.3223


414.3465, 0.2826,
0.3261

 41.1976, 0.2491,
0.3212

 100.8147, 0.2649,
0.3238

 28.4735, 0.2412,
0.3198


 129.1166, 0.2686,
0.3243

 18.6829, 0.2311,
0.3178


 162.2740, 0.2718,
0.3248

 11.4414, 0.2177,
0.3149

200.6713, 0.2745,
0.3251

 6.3645, 0.1993,
0.3102

244.6927, 0.2769,
0.3254

 3.0680, 0.1726,
0.3021

294.7228, 0.2790,

 1.1673, 0.1211,

0.3257

0.2890

351.1460, 0.2809,
0.3259

0.0348, 0.0000,
0.0429

0.0000, 0.0000,
0.0000

57.2396, 0.2554,
0.3223

57.2396, 0.2554,
0.3223

55.1179, 0.2449,
0.3205

59.7336, 0.2675,
0.3241

53.3383, 0.2361,
0.3186

62.6146, 0.2810,
0.3258


51.8769, 0.2293,
0.3167


65.9046, 0.2955,
0.3274

50.7035, 0.2244,
0.3148

69.6220, 0.3107,
0.3288

 49.7822, 0.2214,
0.3129


 73.7840, 0.3265,
0.3302

 49.1300, 0.2198,
0.3113

 77.6669, 0.3395,
0.3314

 78.3095, 0.3393,
0.3326

 78.9568, 0.3391,
0.3338

 79.6088, 0.3390,
0.3350

Harmonies

Analogous

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



57.2396, 0.2777, 0.3559



57.2396, 0.2554, 0.3223



57.2396, 0.2479, 0.2932

Triad

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



57.2396, 0.2554, 0.3223



57.2396, 0.3124, 0.2828



57.2396, 0.3710, 0.3818

Complementary

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



57.2396, 0.2554, 0.3223



33.2641, 0.4156, 0.3354

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.



57.2396, 0.3821, 0.3592



57.2396, 0.2554, 0.3223



57.2396, 0.3473, 0.3036

Square

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



57.2396, 0.2554, 0.3223



57.2396, 0.2794, 0.2726



57.2396, 0.3733, 0.3309



57.2396, 0.3443, 0.3913

Rectangle

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



57.2396, 0.2554, 0.3223



57.2396, 0.2518, 0.2801



57.2396, 0.3733, 0.3309



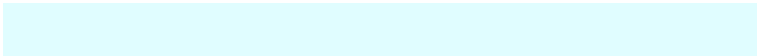
57.2396, 0.3767, 0.3754

Sweetspot

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



57.2418, 0.2554, 0.3223



93.5658, 0.2942, 0.3272



56.4268, 0.3042, 0.4495



19.8887, 0.2923, 0.3270



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.



57.2418, 0.2554, 0.3223



78.8312, 0.2457, 0.3206



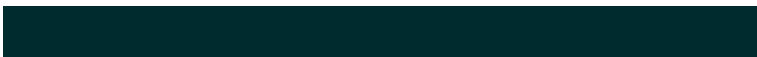
37.8600, 0.2455, 0.2606



14.6984, 0.2982, 0.3276



29.4820, 0.2199, 0.3116



1.9488, 0.2207, 0.3146

Inverse Universe

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



35.1639, 0.3222, 0.2329



43.3381, 0.3246, 0.2137



48.1237, 0.3925, 0.3883



13.2616, 0.3146, 0.3072



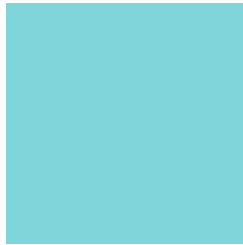
11.6000, 0.3353, 0.1621



0.7554, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 57.2396, 0.2554, 0.3223 looks on a white background.

Color Contrast Check

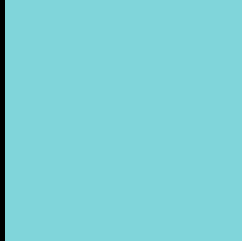
Large Text (above 18pt) WCAG AA × Fail

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 57.2396, 0.2554, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

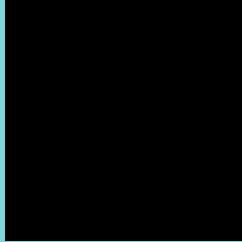
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2396, 0.2554, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 57.2396, 0.2554, 0.3223.



This preview shows how white text looks on a background with the Yxy color 57.2396, 0.2554, 0.3223.

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

57.2396, 0.2554, 0.3223

Protanopia

56.6287, 0.3063, 0.3159

Deuteranopia

56.5357, 0.3018, 0.2957



Tritanopia

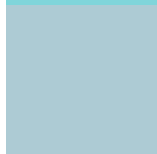
57.0153, 0.2514, 0.3072

Trichromacy



Original Color

57.2396, 0.2554, 0.3223



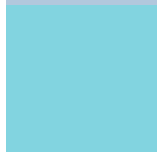
Protanomaly

56.3496, 0.2846, 0.3178



Deuteranomaly

55.9940, 0.2822, 0.3034



Tritanomaly

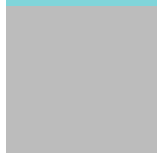
57.2146, 0.2531, 0.3134

Monochromacy



Original Color

57.2396, 0.2554, 0.3223



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.1630, 0.2878, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2396, 0.2554, 0.3223 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(128, 213, 218)` looks like.

```
.text, #text, p{  
    color:rgb(128, 213, 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(128, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 213, 218) }
```

Border

The CSS property to change the border of an element to Yxy 57.2396, 0.2554, 0.3223 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(128, 213, 218) }
```

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

```
.border{ border-color:rgb(128, 213, 218) }
```

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

Here you see how a box with a 4 pixel rgb(128, 213, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(128, 213,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2396, 0.2554, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 213, 218) }
```

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

```
.background{ background-color: rgb(128,  
213, 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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