

Converting Colors

$Yxy(58.2784, 0.2612, 0.3212)$

Have a look what the booklet for
Yxy(58.2784, 0.2612, 0.3212)
contains.

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Color

Yxy(58.2784, 0.2612, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	8CD5DB
RGB	140, 213, 219
RGB Percent	55%, 84%, 86%
CMY	0.4511, 0.1647, 0.1412
CMYK	0.36, 0.03, 0.00, 0.14
HSL	185°, 52%, 70%
HSV	185°, 36%, 86%
XYZ	47.3920, 58.2784, 75.7692
YIQ	191.8570, -45.4340, -13.6100

Conversions

Conversions Part 2

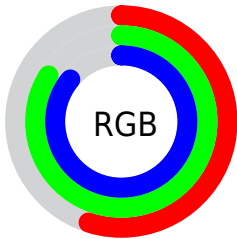
Format	Color
RYB	140, 178, 219
Decimal	9229787
CIELab	80.89, -21.16, -10.17
CIELCh	81, 23.479, 205.679
Yxy	58.2784, 0.2612, 0.3212
Android (android.graphics.Color)	4287419867 (0xFF8CD5DB)
YUV	191.8570, 13.3815, -45.4786
Hunter-Lab	76.3403, -22.7828, -5.4082

Details

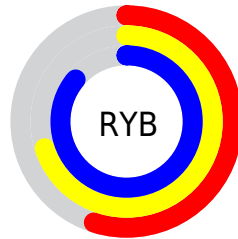
The Yxy color **58.2784, 0.2612, 0.3212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5007, 0.3968, 0.3365**, and the grayscale version is **52.5628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **29.0654, 0.2484, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **55.7329, 0.2496, 0.3187**, and if you desaturate by 10%, it is **61.2156, 0.2742, 0.3236**.

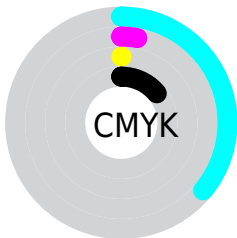
Distribution



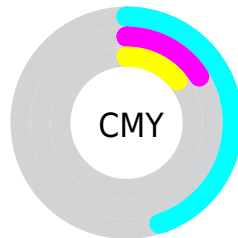
- Red (55%)
- Green (84%)
- Blue (86%)



- Red (55%)
- Yellow (70%)
- Blue (86%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)




- Cyan (45%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2784, 0.2612, 0.3212 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 58.2784, 0.2612, 0.3212 by changing the saturation by 10% instead.


 58.2784, 0.2612,
0.3212


 58.2784, 0.2612,
0.3212


418.2225, 0.2856,
0.3254

 42.0325, 0.2555,
0.3201


 102.3282, 0.2698,
0.3228

 29.1267, 0.2484,
0.3186


 130.9008, 0.2731,
0.3234

 19.1767, 0.2394,
0.3165


164.3512, 0.2759,
0.3239

 11.7980, 0.2274,
0.3136

203.0637, 0.2783,
0.3243

 6.6063, 0.2108,
0.3090

247.4226, 0.2805,
0.3246

 3.2171, 0.1866,
0.3013

297.8125, 0.2824,

 1.2461, 0.1452,

0.3249

0.2874

354.6177, 0.2841,
0.3252

■ 0.0989, 0.0000,
0.1077

■ 0.0000, 0.0000,
0.0000

■ 58.2784, 0.2612,
0.3212

■ 58.2784, 0.2612,
0.3212

■ 55.7329, 0.2496,
0.3187

■ 61.2156, 0.2742,
0.3236

■ 53.5497, 0.2397,
0.3162

■ 64.5583, 0.2883,
0.3258

■ 51.7059, 0.2316,
0.3136

■ 68.3281, 0.3033,
0.3278

■ 50.1734, 0.2255,
0.3110

■ 72.5431, 0.3188,
0.3297

■ 48.9193, 0.2213,
0.3084

■ 77.2200, 0.3346,
0.3314

■ 47.9025, 0.2187,
0.3058

■ 79.1359, 0.3384,
0.3331

■ 47.5407, 0.2180,
0.3049

■ 80.0276, 0.3382,
0.3347

■ 80.9280, 0.3379,
0.3364

■ 81.8372, 0.3377,
0.3380

Harmonies

Analogous

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



58.2784, 0.2801, 0.3504



58.2784, 0.2612, 0.3212



58.2784, 0.2556, 0.2962

Triad

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



58.2784, 0.2612, 0.3212



58.2784, 0.3150, 0.2892



58.2784, 0.3626, 0.3767

Complementary

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



58.2784, 0.2612, 0.3212



37.5007, 0.3968, 0.3365

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.



58.2784, 0.3733, 0.3577



58.2784, 0.2612, 0.3212



58.2784, 0.3452, 0.3083

Square

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



58.2784, 0.2612, 0.3212



58.2784, 0.2855, 0.2794



58.2784, 0.3670, 0.3329



58.2784, 0.3385, 0.3834

Rectangle

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



58.2784, 0.2612, 0.3212



58.2784, 0.2598, 0.2850



58.2784, 0.3670, 0.3329



58.2784, 0.3679, 0.3714

Sweetspot

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



58.2807, 0.2612, 0.3212



93.7130, 0.2957, 0.3268



58.2891, 0.3045, 0.4301



19.9040, 0.2937, 0.3265



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.



58.2807, 0.2612, 0.3212



79.6004, 0.2526, 0.3194



41.0448, 0.2539, 0.2688



14.6517, 0.2982, 0.3272



28.2611, 0.2181, 0.3052



1.8823, 0.2193, 0.3094

Inverse Universe

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



38.6135, 0.3224, 0.2460



48.3139, 0.3246, 0.2301



51.5492, 0.3800, 0.3823



13.2569, 0.3149, 0.3077



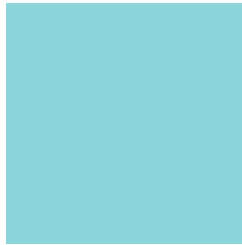
11.4767, 0.3408, 0.1651



0.7487, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 58.2784, 0.2612, 0.3212 looks on a white background.

Color Contrast Check

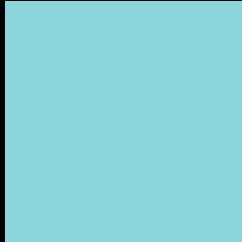
Large Text (above 18pt) WCAG AA × Fail

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 58.2784, 0.2612, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

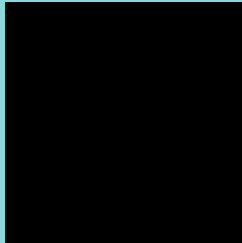
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2784, 0.2612, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 58.2784, 0.2612, 0.3212.

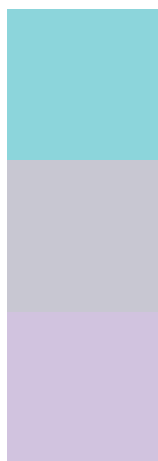


This preview shows how white text looks on a background with the Yxy color 58.2784, 0.2612, 0.3212.

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

58.2784, 0.2612, 0.3212

Protanopia

57.7794, 0.3056, 0.3160

Deuteranopia

57.9132, 0.3034, 0.2971



Tritanopia

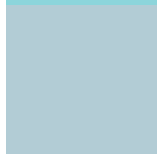
58.4949, 0.2568, 0.3076

Trichromacy



Original Color

58.2784, 0.2612, 0.3212



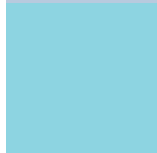
Protanomaly

57.4548, 0.2875, 0.3179



Deuteranomaly

57.7053, 0.2858, 0.3050



Tritanomaly

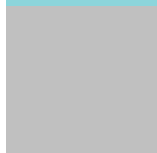
58.1859, 0.2584, 0.3124

Monochromacy



Original Color

58.2784, 0.2612, 0.3212



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.4571, 0.2910, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2784, 0.2612, 0.3212 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(140, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(140, 213, 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(140, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 213, 219) }
```

Border

The CSS property to change the border of an element to Yxy 58.2784, 0.2612, 0.3212 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(140, 213, 219) }
```

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

```
.border{ border-color:rgb(140, 213, 219) }
```

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

Here you see how a box with a 4 pixel rgb(140, 213, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(140, 213,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2784, 0.2612, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 213, 219) }
```

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

```
.background{ background-color: rgb(140,  
213, 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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