

Converting Colors

$Yxy(58.3475, 0.2606, 0.3286)$

Have a look what the booklet for
Yxy(58.3475, 0.2606, 0.3286)
contains.

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Color

Yxy(58.5755, 0.2605, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	86D7D7
RGB	134, 215, 215
RGB Percent	53%, 84%, 84%
CMY	0.4742, 0.1569, 0.1568
CMYK	0.38, 0.00, 0.00, 0.16
HSL	180°, 50%, 68%
HSV	180°, 38%, 84%
XYZ	46.4079, 58.5755, 73.1659
YIQ	190.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

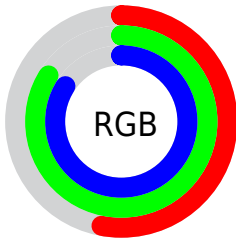
Format	Color
RYB	134, 175, 215
Decimal	8837079
CIELab	81.06, -24.63, -7.84
CIELCh	81, 25.849, 197.650
Yxy	58.5755, 0.2605, 0.3288
Android (android.graphics.Color)	4287027159 (0xFF86D7D7)
YUV	190.7810, 11.9400, -49.7969
Hunter-Lab	76.5346, -25.6995, -3.1061

Details

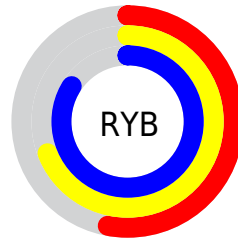
The Yxy color **58.5755, 0.2605, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.2528, 0.4048, 0.3293**, and the grayscale version is **51.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8164, 0.2757, 0.3289**, and **29.2994, 0.2475, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **56.9812, 0.2499, 0.3288**, and if you desaturate by 10%, it is **60.5337, 0.2727, 0.3289**.

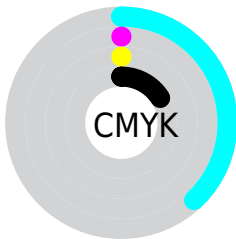
Distribution



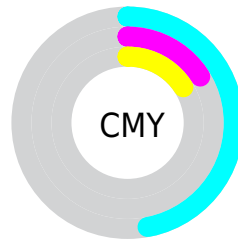
- Red (53%)
- Green (84%)
- Blue (84%)



- Red (53%)
- Yellow (69%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (47%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5755, 0.2605, 0.3288 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 58.5755, 0.2605, 0.3288 by changing the saturation by 10% instead.


 58.5755, 0.2605,
0.3288


 58.5755, 0.2605,
0.3288


419.3270, 0.2852,
0.3294


 42.2715, 0.2547,
0.3285


 102.7604, 0.2692,
0.3291

 29.3139, 0.2475,
0.3281


 131.4102, 0.2725,
0.3292

 19.3184, 0.2383,
0.3275


 164.9439, 0.2754,
0.3292

 11.9006, 0.2261,
0.3265

203.7461, 0.2779,
0.3293

 6.6760, 0.2092,
0.3246

248.2011, 0.2801,
0.3293

 3.2603, 0.1846,
0.3210

298.6933, 0.2820,

 1.2691, 0.1394,

0.3293

0.3147

355.6071, 0.2837,
0.3294

0.1171, 0.0000,
0.1478

0.0000, 0.0000,
0.0000

58.5755, 0.2605,
0.3288

58.5755, 0.2605,
0.3288

56.9812, 0.2499,
0.3288

60.5337, 0.2727,
0.3289

55.7220, 0.2412,
0.3287


62.8688, 0.2863,
0.3289


54.7758, 0.2343,
0.3287

65.6019, 0.3009,
0.3290

54.1152, 0.2294,
0.3287


68.7502, 0.3164,
0.3290


 53.7078, 0.2264,
0.3286

 72.3301, 0.3324,
0.3291

 53.5088, 0.2249,
0.3286

 74.7914, 0.3424,
0.3291

 53.4751, 0.2246,
0.3286

 74.7960, 0.3424,
0.3291

 74.8006, 0.3424,
0.3291

 74.8052, 0.3424,
0.3291

Harmonies

Analogous

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



58.5755, 0.2844, 0.3606



58.5755, 0.2605, 0.3288



58.5755, 0.2503, 0.2992

Triad

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



58.5755, 0.2605, 0.3288



58.5755, 0.3059, 0.2815



58.5755, 0.3723, 0.3766

Complementary

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



58.5755, 0.2605, 0.3288



33.2528, 0.4048, 0.3293

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.



58.5755, 0.3794, 0.3532



58.5755, 0.2605, 0.3288



58.5755, 0.3399, 0.3000

Square

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



58.5755, 0.2605, 0.3288



58.5755, 0.2754, 0.2741



58.5755, 0.3674, 0.3256



58.5755, 0.3490, 0.3886

Rectangle

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



58.5755, 0.2605, 0.3288



58.5755, 0.2521, 0.2849



58.5755, 0.3674, 0.3256



58.5755, 0.3768, 0.3697

Sweetspot

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



58.5778, 0.2605, 0.3288



95.0552, 0.2958, 0.3289



55.4107, 0.3074, 0.4429



20.2264, 0.2937, 0.3289



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.



58.5778, 0.2605, 0.3288



84.3064, 0.2521, 0.3288



40.4656, 0.2524, 0.2735



14.1070, 0.2983, 0.3289



31.9767, 0.2246, 0.3286



1.9290, 0.2246, 0.3286

Inverse Universe

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



36.4261, 0.3171, 0.2365



47.3062, 0.3179, 0.2189



46.6580, 0.3858, 0.3784



12.6326, 0.3138, 0.3060



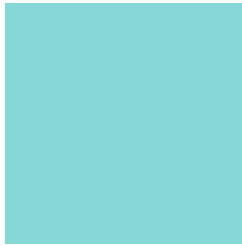
11.5729, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 58.5755, 0.2605, 0.3288 looks on a white background.

Color Contrast Check

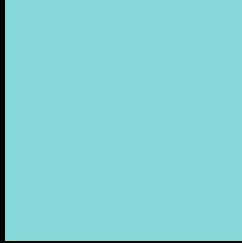
Large Text (above 18pt) WCAG AA × Fail

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 58.5755, 0.2605, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

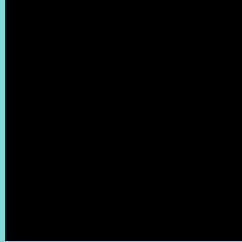
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

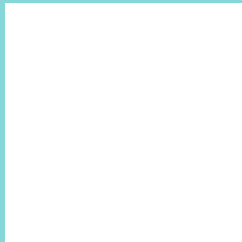
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5755, 0.2605, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 58.5755, 0.2605, 0.3288.

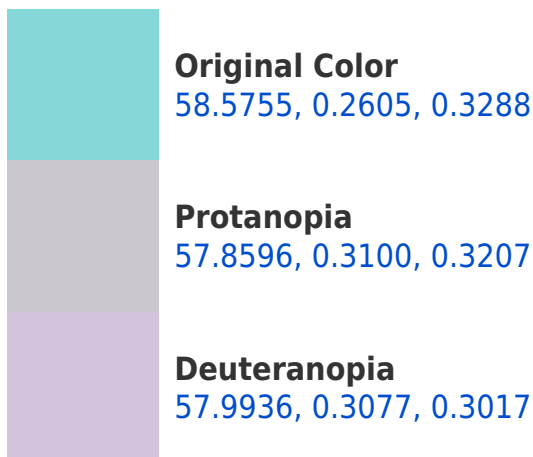


This preview shows how white text looks on a background with the Yxy color 58.5755, 0.2605, 0.3288.

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

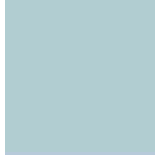
58.7049, 0.2544, 0.3075

Trichromacy



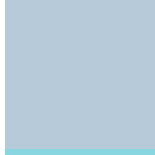
Original Color

58.5755, 0.2605, 0.3288



Protanomaly

57.6132, 0.2895, 0.3240



Deuteranomaly

57.3703, 0.2877, 0.3097



Tritanomaly

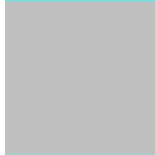
58.8477, 0.2566, 0.3149

Monochromacy



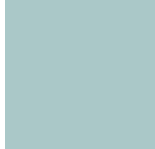
Original Color

58.5755, 0.2605, 0.3288



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.0247, 0.2902, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5755, 0.2605, 0.3288 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(134, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(134, 215, 215)  
}
```

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(134, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 215, 215) }
```

Border

The CSS property to change the border of an element to Yxy 58.5755, 0.2605, 0.3288 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(134, 215, 215) }
```

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

```
.border{ border-color:rgb(134, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(134, 215,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5755, 0.2605, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 215, 215) }
```

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

```
.background{ background-color: rgb(134,  
215, 215) }
```

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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