

Converting Colors

$Yxy(61.0712, 0.2606, 0.3351)$

Have a look what the booklet for
Yxy(61.0712, 0.2606, 0.3351)
contains.

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Color

Yxy(61.0792, 0.2609, 0.3353)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85DCD7 |
| RGB | 133, 220, 215 |
| RGB Percent | 52%, 86%, 84% |
| CMY | 0.4785, 0.1372, 0.1570 |
| CMYK | 0.40, 0.00, 0.02, 0.14 |
| HSL | 177°, 55%, 69% |
| HSV | 177°, 40%, 86% |
| XYZ | 47.5263, 61.0792, 73.5574 |
| YIQ | 193.4170, -50.2470, -19.9990 |

Conversions

Conversions Part 2

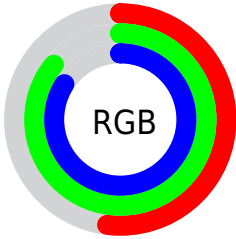
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 178, 220 |
| Decimal | 8772823 |
| CIELab | 82.42, -27.37, -5.80 |
| CIElCh | 82, 27.979, 191.960 |
| Yxy | 61.0792, 0.2609, 0.3353 |
| Android (android.graphics.Color) | 4286962903 (0xFF85DCD7) |
| YUV | 193.4170, 10.6404, -52.9857 |
| Hunter-Lab | 78.1532, -28.2192, -1.0962 |

Details

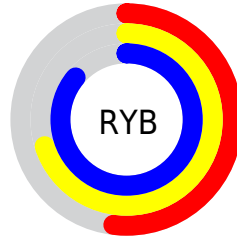
The Yxy color **61.0792, 0.2609, 0.3353** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.8219, 0.4060, 0.3232**, and the grayscale version is **53.5424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6871, 0.2752, 0.3289**, and **31.0261, 0.2487, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **59.4097, 0.2511, 0.3371**, and if you desaturate by 10%, it is **63.1290, 0.2723, 0.3335**.

Distribution



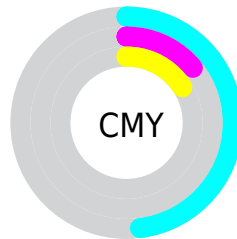
- Red (52%)
- Green (86%)
- Blue (84%)



- Red (52%)
- Yellow (70%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)




- Cyan (48%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0792, 0.2609, 0.3353 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 61.0792, 0.2609, 0.3353 by changing the saturation by 10% instead.

 61.0792, 0.2609,
0.3353

 61.0792, 0.2609,
0.3353


428.5643, 0.2853,
0.3327


 44.2891, 0.2552,
0.3358

 106.3936, 0.2694,
0.3345

 30.8978, 0.2482,
0.3364


 135.6867, 0.2728,
0.3341

 20.5211, 0.2392,
0.3370


 169.9162, 0.2756,
0.3338

 12.7744, 0.2273,
0.3377

209.4666, 0.2780,
0.3335

 7.2734, 0.2110,
0.3384

254.7222, 0.2802,
0.3333

 3.6336, 0.1872,
0.3386

306.0674, 0.2821,

 1.4708, 0.1469,

0.3331

363.8867, 0.2838,
0.3329

0.3382

0.2681, 0.0000,
0.2777

0.0000, 0.0000,
0.0000

61.0792, 0.2609,
0.3353

61.0792, 0.2609,
0.3353

59.4097, 0.2511,
0.3371

63.1290, 0.2723,
0.3335

58.0897, 0.2431,
0.3390

65.5735, 0.2850,
0.3319

57.0952, 0.2370,
0.3410

68.4350, 0.2988,
0.3303

56.3965, 0.2329,
0.3429

71.7320, 0.3134,
0.3289

■ 55.9579, 0.2305,
0.3449

■ 75.4821, 0.3284,
0.3277

■ 55.7197, 0.2297,
0.3467

■ 77.7585, 0.3363,
0.3265

■ 55.7106, 0.2297,
0.3468

■ 77.8272, 0.3354,
0.3252

■ 77.8965, 0.3345,
0.3239

■ 77.9663, 0.3336,
0.3226

Harmonies

Analogous

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



61.0792, 0.2885, 0.3686



61.0792, 0.2609, 0.3353



61.0792, 0.2471, 0.3023

Triad

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



61.0792, 0.2609, 0.3353



61.0792, 0.2987, 0.2761



61.0792, 0.3793, 0.3756

Complementary

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



61.0792, 0.2609, 0.3353



33.8219, 0.4060, 0.3232

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.



61.0792, 0.3831, 0.3491



61.0792, 0.2609, 0.3353



61.0792, 0.3350, 0.2937

Square

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



61.0792, 0.2609, 0.3353



61.0792, 0.2679, 0.2706



61.0792, 0.3666, 0.3197



61.0792, 0.3570, 0.3915

Rectangle

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



61.0792, 0.2609, 0.3353



61.0792, 0.2470, 0.2856



61.0792, 0.3666, 0.3197



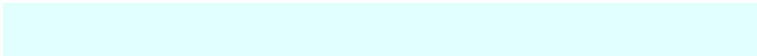
61.0792, 0.3828, 0.3675

Sweetspot

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



61.0816, 0.2609, 0.3353



94.5378, 0.2952, 0.3307



58.3547, 0.3108, 0.4485



20.1193, 0.2934, 0.3309



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.



61.0816, 0.2609, 0.3353



83.4649, 0.2531, 0.3367



43.7302, 0.2505, 0.2782



14.8159, 0.2990, 0.3303



32.6984, 0.2296, 0.3465



2.1224, 0.2287, 0.3434

Inverse Universe

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



33.8219, 0.4060, 0.3232



40.5853, 0.4351, 0.3222



45.9199, 0.3933, 0.3743



13.0637, 0.3283, 0.3277



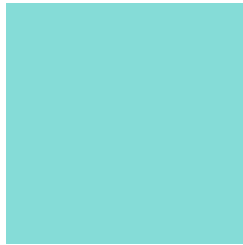
8.9519, 0.6335, 0.3264



0.5843, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 61.0792, 0.2609, 0.3353 looks on a white background.

Color Contrast Check

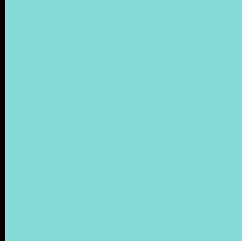
Large Text (above 18pt) WCAG AA × Fail

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 61.0792, 0.2609, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

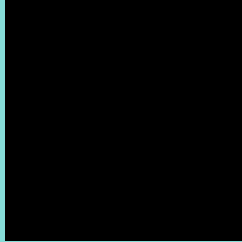
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

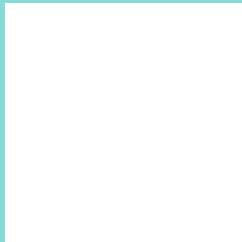
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0792, 0.2609, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 61.0792, 0.2609, 0.3353.

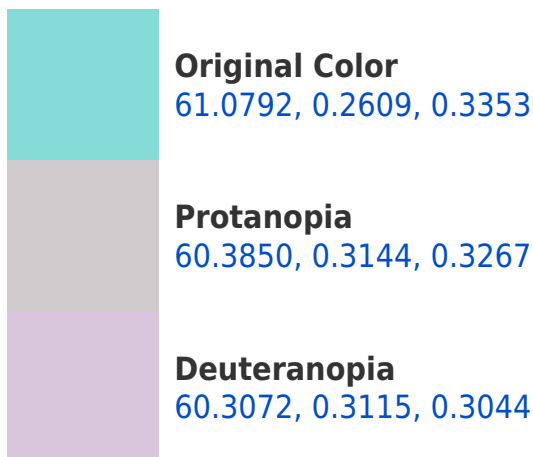


This preview shows how white text looks on a background with the Yxy color 61.0792, 0.2609, 0.3353.

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

61.0271, 0.2527, 0.3066

Trichromacy



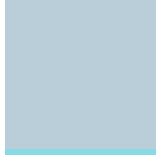
Original Color

61.0792, 0.2609, 0.3353



Protanomaly

59.9077, 0.2917, 0.3289



Deuteranomaly

59.6437, 0.2900, 0.3146



Tritanomaly

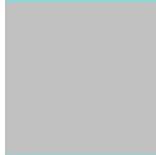
60.9785, 0.2554, 0.3163

Monochromacy



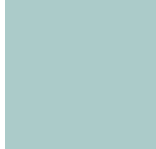
Original Color

61.0792, 0.2609, 0.3353



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.5868, 0.2904, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0792, 0.2609, 0.3353 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(133, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(133, 220, 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(133, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 220, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.0792, 0.2609, 0.3353 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(133, 220, 215) }
```

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

```
.border{ border-color:rgb(133, 220, 215) }
```

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

Here you see how a box with a 4 pixel rgb(133, 220, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(133, 220,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0792, 0.2609, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 220, 215) }
```

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

```
.background{ background-color: rgb(133,  
220, 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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