

Converting Colors

$Yxy(60.6777, 0.2604, 0.3269)$

Have a look what the booklet for
Yxy(60.6777, 0.2604, 0.3269)
contains.

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Color

Yxy(60.6285, 0.2600, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	89DADC
RGB	137, 218, 220
RGB Percent	54%, 85%, 86%
CMY	0.4626, 0.1451, 0.1372
CMYK	0.38, 0.01, 0.00, 0.14
HSL	181°, 54%, 70%
HSV	181°, 38%, 86%
XYZ	48.3096, 60.6285, 76.8679
YIQ	194.0090, -48.9180, -16.5500

Conversions

Conversions Part 2

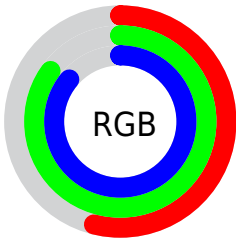
Format	Color
RYB	137, 178, 220
Decimal	9034460
CIELab	82.18, -24.16, -8.81
CIELCh	82, 25.714, 200.038
Yxy	60.6285, 0.2600, 0.3263
Android (android.graphics.Color)	4287224540 (0xFF89DADC)
YUV	194.0090, 12.8136, -49.9969
Hunter-Lab	77.8643, -25.5153, -4.0263

Details

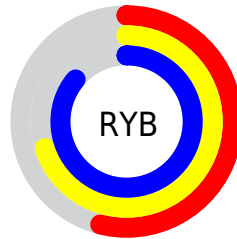
The Yxy color **60.6285, 0.2600, 0.3263** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.4981, 0.4043, 0.3317**, and the grayscale version is **53.9037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **30.6603, 0.2471, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **58.6817, 0.2492, 0.3255**, and if you desaturate by 10%, it is **62.9601, 0.2724, 0.3271**.

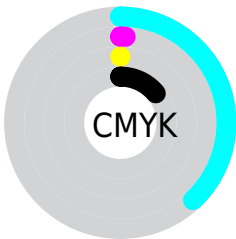
Distribution



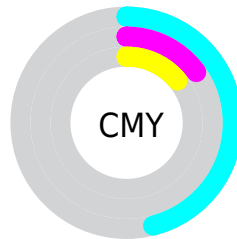
- Red (54%)
- Green (85%)
- Blue (86%)



- Red (54%)
- Yellow (70%)
- Blue (86%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6285, 0.2600, 0.3263 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 60.6285, 0.2600, 0.3263 by changing the saturation by 10% instead.


 60.6285, 0.2600,
0.3263


 60.6285, 0.2600,
0.3263


426.9105, 0.2848,
0.3281


 43.9254, 0.2543,
0.3258


 105.7408, 0.2687,
0.3270

 30.6119, 0.2471,
0.3250


 134.9189, 0.2720,
0.3273

 20.3035, 0.2380,
0.3239


 169.0241, 0.2749,
0.3275

 12.6158, 0.2260,
0.3223

208.4408, 0.2774,
0.3276

 7.1646, 0.2096,
0.3196

253.5534, 0.2796,
0.3278

 3.5652, 0.1858,
0.3147

304.7463, 0.2815,

 1.4335, 0.1472,

0.3279

0.3051

362.4039, 0.2833,
0.3280

0.2412, 0.0000,
0.2154

0.0000, 0.0000,
0.0000

60.6285, 0.2600,
0.3263

60.6285, 0.2600,
0.3263

58.6817, 0.2492,
0.3255

62.9601, 0.2724,
0.3271

57.0892, 0.2402,
0.3247

65.6904, 0.2861,
0.3278

55.8278, 0.2331,
0.3239

68.8417, 0.3008,
0.3285

54.8683, 0.2279,
0.3231

72.4321, 0.3163,
0.3291

■ 54.1764, 0.2246,
0.3223

■ 76.4790, 0.3322,
0.3297

■ 53.7047, 0.2229,
0.3215

■ 78.2397, 0.3380,
0.3303

■ 53.6105, 0.2226,
0.3213

■ 78.5211, 0.3379,
0.3308

■ 78.8033, 0.3378,
0.3313

■ 79.0865, 0.3377,
0.3319

Harmonies

Analogous

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



60.6285, 0.2826, 0.3578



60.6285, 0.2600, 0.3263



60.6285, 0.2511, 0.2977

Triad

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



60.6285, 0.2600, 0.3263



60.6285, 0.3087, 0.2834



60.6285, 0.3701, 0.3773

Complementary

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



60.6285, 0.2600, 0.3263



35.4981, 0.4043, 0.3317

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.



60.6285, 0.3784, 0.3550



60.6285, 0.2600, 0.3263



60.6285, 0.3420, 0.3023

Square

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



60.6285, 0.2600, 0.3263



60.6285, 0.2781, 0.2750



60.6285, 0.3681, 0.3278



60.6285, 0.3461, 0.3878

Rectangle

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



60.6285, 0.2600, 0.3263



60.6285, 0.2537, 0.2843



60.6285, 0.3681, 0.3278



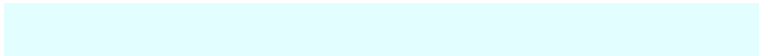
60.6285, 0.3748, 0.3708

Sweetspot

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



60.6309, 0.2600, 0.3263



94.6312, 0.2958, 0.3283



58.3561, 0.3066, 0.4414



20.1245, 0.2937, 0.3282



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.



60.6309, 0.2600, 0.3263



82.5815, 0.2516, 0.3257



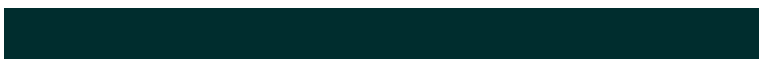
41.9854, 0.2520, 0.2713



14.7728, 0.2982, 0.3284



31.4874, 0.2226, 0.3214



2.0574, 0.2230, 0.3227

Inverse Universe

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



38.1778, 0.3189, 0.2382



47.1321, 0.3202, 0.2211



49.6251, 0.3855, 0.3801



13.2691, 0.3142, 0.3065



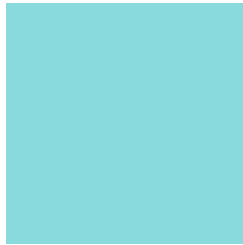
11.8024, 0.3270, 0.1575



0.7664, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 60.6285, 0.2600, 0.3263 looks on a white background.

Color Contrast Check

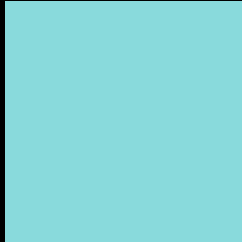
Large Text (above 18pt) WCAG AA × Fail

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 60.6285, 0.2600, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

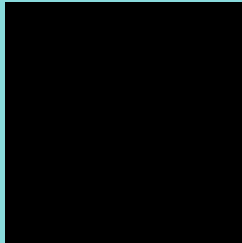
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6285, 0.2600, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 60.6285, 0.2600, 0.3263.

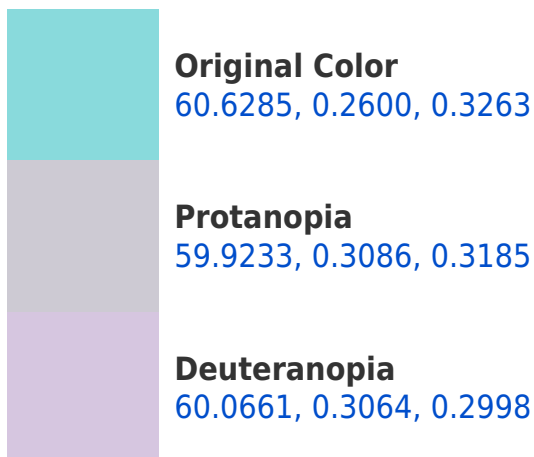


This preview shows how white text looks on a background with the Yxy color 60.6285, 0.2600, 0.3263.

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

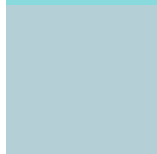
60.6576, 0.2550, 0.3078

Trichromacy



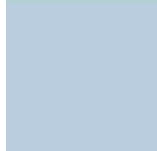
Original Color

60.6285, 0.2600, 0.3263



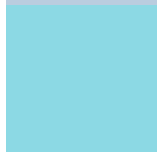
Protanomaly

59.6701, 0.2885, 0.3217



Deuteranomaly

59.4295, 0.2868, 0.3076



Tritanomaly

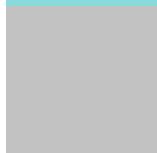
60.8026, 0.2572, 0.3151

Monochromacy



Original Color

60.6285, 0.2600, 0.3263



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.9079, 0.2905, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6285, 0.2600, 0.3263 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(137, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(137, 218, 220)  
}
```

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(137, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 218, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.6285, 0.2600, 0.3263 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(137, 218, 220) }
```

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

```
.border{ border-color:rgb(137, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(137, 218,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6285, 0.2600, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 218, 220) }
```

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

```
.background{ background-color: rgb(137,  
218, 220) }
```

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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