

Converting Colors

$Yxy(59.6269, 0.2700, 0.3450)$

Have a look what the booklet for
Yxy(59.6269, 0.2700, 0.3450)
contains.

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Color

Yxy(59.6089, 0.2695, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	8CD9CD
RGB	140, 217, 205
RGB Percent	55%, 85%, 80%
CMY	0.4511, 0.1490, 0.1959
CMYK	0.36, 0.00, 0.06, 0.15
HSL	171°, 50%, 70%
HSV	171°, 36%, 85%
XYZ	46.6452, 59.6089, 66.8264
YIQ	192.6090, -42.0400, -20.0560

Conversions

Conversions Part 2

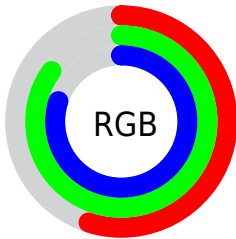
Format	Color
R _{YB}	140, 182, 217
Decimal	9230797
CIE Lab	81.63, -26.41, -1.65
CIE LCh	82, 26.459, 183.566
Yxy	59.6089, 0.2695, 0.3444
Android (android.graphics.Color)	4287420877 (0xFF8CD9CD)
YUV	192.6090, 6.1088, -46.1381
Hunter-Lab	77.2068, -27.2695, 2.7263

Details

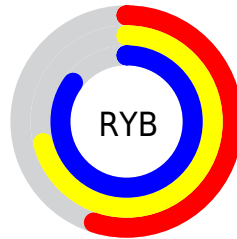
The Yxy color **59.6089, 0.2695, 0.3444** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.7616, 0.3839, 0.3146**, and the grayscale version is **53.0660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **30.0535, 0.2589, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **57.7479, 0.2599, 0.3495**, and if you desaturate by 10%, it is **61.8499, 0.2805, 0.3396**.

Distribution



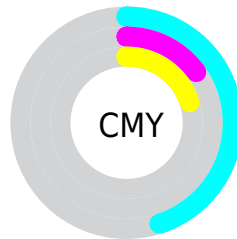
- Red (55%)
- Green (85%)
- Blue (80%)



- Red (55%)
- Yellow (71%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6089, 0.2695, 0.3444 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 59.6089, 0.2695, 0.3444 by changing the saturation by 10% instead.

 59.6089, 0.2695,
0.3444


 59.6089, 0.2695,
0.3444


423.1547, 0.2901,
0.3372

 43.1035, 0.2647,
0.3461


 104.2621, 0.2768,
0.3419

 29.9663, 0.2586,
0.3482


 133.1787, 0.2795,
0.3409

 19.8130, 0.2508,
0.3508


167.0011, 0.2819,
0.3401

 12.2592, 0.2404,
0.3543

206.1138, 0.2840,
0.3393

 6.9205, 0.2258,
0.3591

250.9011, 0.2858,
0.3387

 3.4124, 0.2042,
0.3661

301.7474, 0.2874,

 1.3506, 0.1626,

0.3381

0.3797

359.0371, 0.2888,
0.3376

0.1799, 0.0000,
0.3665

0.0000, 0.0000,
0.0000

59.6089, 0.2695,
0.3444

59.6089, 0.2695,
0.3444

57.7479, 0.2599,
0.3495

61.8499, 0.2805,
0.3396

56.2378, 0.2519,
0.3548

64.4838, 0.2926,
0.3352

55.0565, 0.2457,
0.3602

67.5318, 0.3054,
0.3311

54.1768, 0.2414,
0.3658

71.0115, 0.3188,
0.3274

■ 53.5668, 0.2391,
0.3713

■ 74.9394, 0.3324,
0.3241

■ 53.1874, 0.2386,
0.3768

■ 76.3409, 0.3348,
0.3208

■ 53.0609, 0.2387,
0.3793

■ 76.5270, 0.3324,
0.3174

■ 76.7169, 0.3301,
0.3141

■ 76.9104, 0.3277,
0.3108

Harmonies

Analogous

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



59.6089, 0.2987, 0.3739



59.6089, 0.2695, 0.3444



59.6089, 0.2522, 0.3118

Triad

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



59.6089, 0.2695, 0.3444



59.6089, 0.2902, 0.2756



59.6089, 0.3792, 0.3672

Complementary

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



59.6089, 0.2695, 0.3444



35.7616, 0.3839, 0.3146

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.



59.6089, 0.3772, 0.3405



59.6089, 0.2695, 0.3444



59.6089, 0.3243, 0.2895

Square

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



59.6089, 0.2695, 0.3444



59.6089, 0.2636, 0.2742



59.6089, 0.3567, 0.3127



59.6089, 0.3624, 0.3858

Rectangle

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



59.6089, 0.2695, 0.3444



59.6089, 0.2491, 0.2937



59.6089, 0.3567, 0.3127



59.6089, 0.3807, 0.3588

Sweetspot

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



59.6113, 0.2695, 0.3444



94.7852, 0.2981, 0.3333



58.2750, 0.3166, 0.4326



20.1616, 0.2964, 0.3339



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.



59.6113, 0.2695, 0.3444



83.7424, 0.2618, 0.3484



47.9855, 0.2583, 0.2949



14.7930, 0.3003, 0.3326



32.1303, 0.2385, 0.3785



2.0911, 0.2360, 0.3695

Inverse Universe

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



35.7616, 0.3839, 0.3146



44.2404, 0.4081, 0.3114



43.7875, 0.3862, 0.3604



13.0843, 0.3267, 0.3254



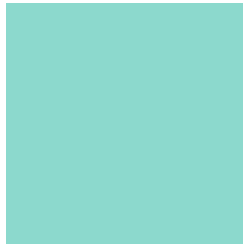
9.0088, 0.6174, 0.3175



0.5942, 0.5767, 0.2951

Previews

White Background



This preview shows how the Yxy color 59.6089, 0.2695, 0.3444 looks on a white background.

Color Contrast Check

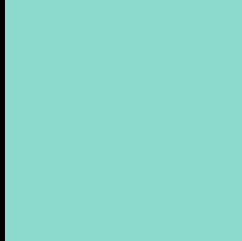
Large Text (above 18pt) WCAG AA × Fail

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 59.6089, 0.2695, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

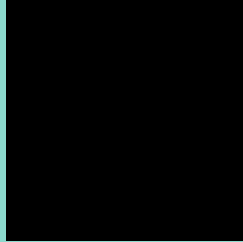
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

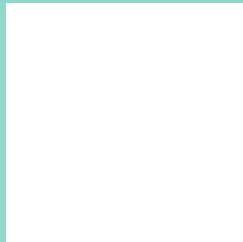
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6089, 0.2695, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 59.6089, 0.2695, 0.3444.

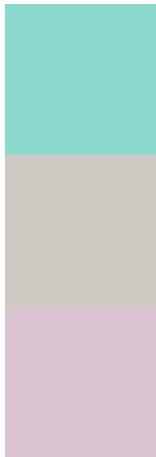


This preview shows how white text looks on a background with the Yxy color 59.6089, 0.2695, 0.3444.

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

59.6089, 0.2695, 0.3444

Protanopia

59.0242, 0.3211, 0.3349

Deuteranopia

58.9887, 0.3205, 0.3143



Tritanopia

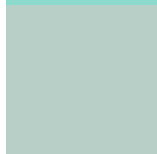
59.4127, 0.2587, 0.3078

Trichromacy



Original Color

59.6089, 0.2695, 0.3444



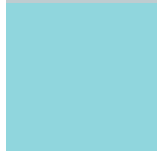
Protanomaly

58.8164, 0.3004, 0.3388



Deuteranomaly

58.6869, 0.2994, 0.3242



Tritanomaly

59.2429, 0.2625, 0.3200

Monochromacy



Original Color

59.6089, 0.2695, 0.3444



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.2709, 0.2951, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6089, 0.2695, 0.3444 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, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 205)  
}
```

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, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.6089, 0.2695, 0.3444 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, 217, 205) }
```

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

```
.border{ border-color:rgb(140, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(140, 217,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6089, 0.2695, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 217, 205) }
```

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

```
.background{ background-color: rgb(140,  
217, 205) }
```

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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