

Converting Colors

$Yxy(66.3460, 0.2709, 0.3290)$

Have a look what the booklet for
Yxy(66.3460, 0.2709, 0.3290)
contains.

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Color

Yxy(66.0641, 0.2709, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	9FE0E0
RGB	159, 224, 224
RGB Percent	62%, 88%, 88%
CMY	0.3762, 0.1216, 0.1217
CMYK	0.29, 0.00, 0.00, 0.12
HSL	180°, 51%, 75%
HSV	180°, 29%, 88%
XYZ	54.4140, 66.0641, 80.3857
YIQ	204.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

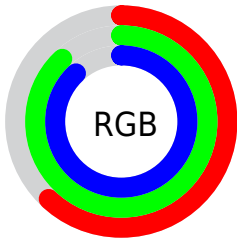
Format	Color
R _Y B	159, 192, 224
Decimal	10477792
CIE Lab	85.03, -20.30, -6.57
CIE LCh	85, 21.336, 197.940
Yxy	66.0641, 0.2709, 0.3289
Android (android.graphics.Color)	4288667872 (0xFF9FE0E0)
YUV	204.5650, 9.5815, -39.9605
Hunter-Lab	81.2798, -22.7402, -1.7419

Details

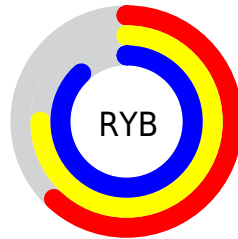
The Yxy color **66.0641, 0.2709, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1701, 0.3768, 0.3292**, and the grayscale version is **60.7244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **34.2438, 0.2610, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **63.9790, 0.2589, 0.3289**, and if you desaturate by 10%, it is **68.5695, 0.2843, 0.3289**.

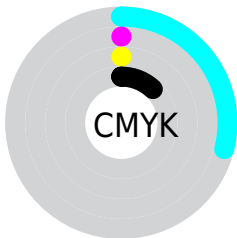
Distribution



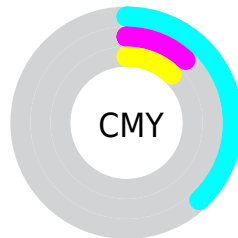
- Red (62%)
- Green (88%)
- Blue (88%)



- Red (62%)
- Yellow (75%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)




- Cyan (38%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0641, 0.2709, 0.3289 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 66.0641, 0.2709, 0.3289 by changing the saturation by 10% instead.


 66.0641, 0.2709,
0.3289


 66.0641, 0.2709,
0.3289


446.6061, 0.2904,
0.3292

 48.3244, 0.2664,
0.3287


 113.5783, 0.2777,
0.3291

 34.0839, 0.2609,
0.3285


 144.1217, 0.2803,
0.3291

 22.9581, 0.2539,
0.3282


179.7017, 0.2826,
0.3292

 14.5625, 0.2447,
0.3276

220.7029, 0.2845,
0.3292

 8.5129, 0.2321,
0.3265

267.5095, 0.2863,
0.3292

 4.4249, 0.2140,
0.3246

320.5059, 0.2878,

 1.9140, 0.1858,

0.3292

380.0767, 0.2891,
0.3292

0.3204

0.5568, 0.0203,
0.3355

0.0000, 0.0000,
0.0000

66.0641, 0.2709,
0.3289

66.0641, 0.2709,
0.3289

63.9790, 0.2589,
0.3289

68.5695, 0.2843,
0.3289

62.2838, 0.2486,
0.3289

71.5080, 0.2989,
0.3290

60.9566, 0.2401,
0.3288

74.9016, 0.3143,
0.3290

59.9702, 0.2335,
0.3288

78.7684, 0.3302,
0.3290

■ 59.2934, 0.2289,
0.3288

■ 79.9515, 0.3348,
0.3291

■ 58.8896, 0.2261,
0.3288

■ 79.9519, 0.3348,
0.3290

■ 58.7014, 0.2248,
0.3288

■ 79.9523, 0.3348,
0.3290

■ 58.6867, 0.2247,
0.3288

■ 79.9527, 0.3348,
0.3290

■ 79.9531, 0.3348,
0.3290

Harmonies

Analogous

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



66.0641, 0.2901, 0.3537



66.0641, 0.2709, 0.3289



66.0641, 0.2627, 0.3055

Triad

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



66.0641, 0.2709, 0.3289



66.0641, 0.3078, 0.2909



66.0641, 0.3599, 0.3673

Complementary

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



66.0641, 0.2709, 0.3289



43.1701, 0.3768, 0.3292

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.



66.0641, 0.3655, 0.3490



66.0641, 0.2709, 0.3289



66.0641, 0.3346, 0.3060

Square

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



66.0641, 0.2709, 0.3289



66.0641, 0.2833, 0.2849



66.0641, 0.3561, 0.3268



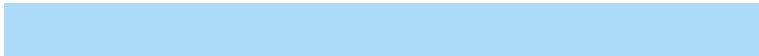
66.0641, 0.3415, 0.3761

Rectangle

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



66.0641, 0.2709, 0.3289



66.0641, 0.2642, 0.2939



66.0641, 0.3561, 0.3268



66.0641, 0.3634, 0.3620

Sweetspot

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



66.0668, 0.2709, 0.3289



95.9037, 0.2988, 0.3290



63.3028, 0.3095, 0.4130



20.3958, 0.2966, 0.3290



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.



66.0668, 0.2709, 0.3289



86.8181, 0.2632, 0.3289



50.7269, 0.2666, 0.2893



15.5723, 0.2982, 0.3290



34.1614, 0.2247, 0.3288



2.3679, 0.2247, 0.3288

Inverse Universe

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



43.1701, 0.3768, 0.3292



51.1867, 0.3968, 0.3292



55.3726, 0.3665, 0.3656



13.7006, 0.3292, 0.3290



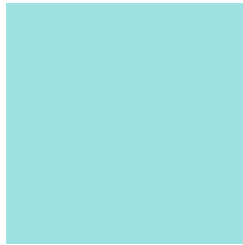
9.2244, 0.6400, 0.3300



0.6394, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 66.0641, 0.2709, 0.3289 looks on a white background.

Color Contrast Check

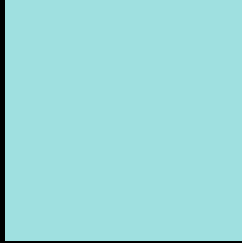
Large Text (above 18pt) WCAG AA × Fail

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 66.0641, 0.2709, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

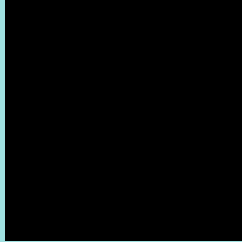
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

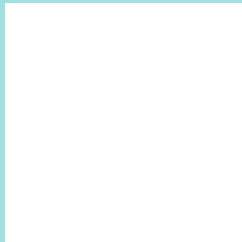
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0641, 0.2709, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 66.0641, 0.2709, 0.3289.

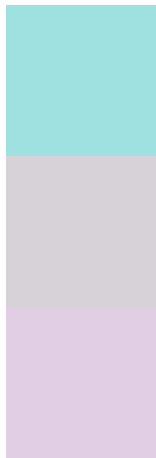


This preview shows how white text looks on a background with the Yxy color 66.0641, 0.2709, 0.3289.

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

66.0641, 0.2709, 0.3289

Protanopia

65.3472, 0.3115, 0.3223

Deuteranopia

65.7516, 0.3116, 0.3052



Tritanopia

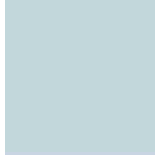
66.2611, 0.2648, 0.3089

Trichromacy



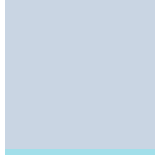
Original Color

66.0641, 0.2709, 0.3289



Protanomaly

65.1847, 0.2952, 0.3243



Deuteranomaly

65.5521, 0.2949, 0.3131



Tritanomaly

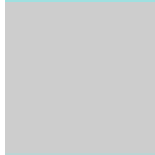
66.3972, 0.2670, 0.3158

Monochromacy



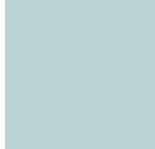
Original Color

66.0641, 0.2709, 0.3289



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.5318, 0.2955, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0641, 0.2709, 0.3289 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(159, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(159, 224, 224)  
}
```

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(159, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 224, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.0641, 0.2709, 0.3289 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(159, 224, 224) }
```

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

```
.border{ border-color:rgb(159, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(159, 224,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0641, 0.2709, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 224, 224) }
```

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

```
.background{ background-color: rgb(159,  
224, 224) }
```

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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