

Converting Colors

$Yxy(66.5446, 0.2694, 0.3269)$

Have a look what the booklet for
Yxy(66.5446, 0.2694, 0.3269)
contains.

Yxy(66.7123, 0.2699, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.7123, 0.2699, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	9FE1E2
RGB	159, 225, 226
RGB Percent	62%, 88%, 89%
CMY	0.3765, 0.1176, 0.1138
CMYK	0.30, 0.00, 0.00, 0.11
HSL	181°, 54%, 75%
HSV	181°, 30%, 89%
XYZ	54.9455, 66.7123, 81.9195
YIQ	205.3800, -39.6570, -13.6810

Conversions

Conversions Part 2

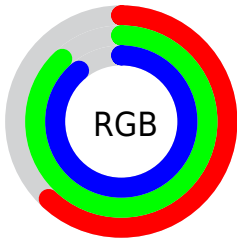
Format	Color
RYB	159, 192, 226
Decimal	10478050
CIELab	85.36, -20.37, -7.15
CIElCh	85, 21.588, 199.332
Yxy	66.7123, 0.2699, 0.3277
Android (android.graphics.Color)	4288668130 (0xFF9FE1E2)
YUV	205.3800, 10.1657, -40.6753
Hunter-Lab	81.6776, -22.8566, -2.2913

Details

The Yxy color **66.7123, 0.2699, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7945, 0.3785, 0.3303**, and the grayscale version is **61.2561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **34.6930, 0.2599, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **64.4349, 0.2579, 0.3272**, and if you desaturate by 10%, it is **69.4177, 0.2833, 0.3282**.

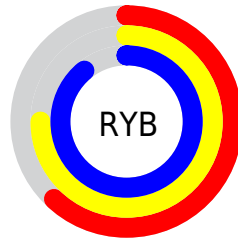
Distribution



Red (62%)

Green (88%)

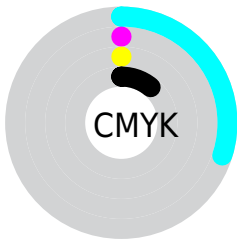
Blue (89%)



Red (62%)

Yellow (75%)

Blue (89%)

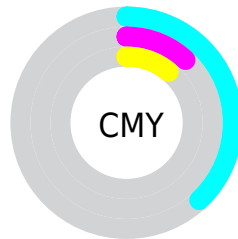


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (38%)


Magenta (12%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7123, 0.2699, 0.3277 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 66.7123, 0.2699, 0.3277 by changing the saturation by 10% instead.


 66.7123, 0.2699,
0.3277


 66.7123, 0.2699,
0.3277


448.9200, 0.2898,
0.3286

 48.8509, 0.2653,
0.3274


 114.5081, 0.2768,
0.3281

 34.5012, 0.2597,
0.3270


 145.2112, 0.2795,
0.3282

 23.2789, 0.2526,
0.3264


180.9637, 0.2818,
0.3283

 14.7996, 0.2433,
0.3255

222.1499, 0.2838,
0.3284

 8.6788, 0.2306,
0.3241

269.1542, 0.2856,
0.3285

 4.5323, 0.2123,
0.3215

322.3611, 0.2871,

 1.9756, 0.1841,

0.3285

382.1549, 0.2885,
0.3286

0.3162

0.5932, 0.0366,
0.3265

0.0000, 0.0000,
0.0000

66.7123, 0.2699,
0.3277

66.7123, 0.2699,
0.3277

64.4349, 0.2579,
0.3272

69.4177, 0.2833,
0.3282

62.5545, 0.2475,
0.3267

72.5643, 0.2979,
0.3286

61.0484, 0.2390,
0.3262

76.1747, 0.3133,
0.3290

59.8886, 0.2324,
0.3257

80.2676, 0.3292,
0.3294

■ 59.0430, 0.2277,
0.3252

■ 81.4981, 0.3331,
0.3297

■ 58.4735, 0.2249,
0.3248

■ 81.6776, 0.3331,
0.3301

■ 58.1165, 0.2235,
0.3243

■ 81.8573, 0.3331,
0.3304

■ 58.1052, 0.2234,
0.3243

■ 82.0375, 0.3330,
0.3307

■ 82.2180, 0.3330,
0.3310

Harmonies

Analogous

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



66.7123, 0.2888, 0.3528



66.7123, 0.2699, 0.3277



66.7123, 0.2622, 0.3043

Triad

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



66.7123, 0.2699, 0.3277



66.7123, 0.3090, 0.2911



66.7123, 0.3597, 0.3683

Complementary

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



66.7123, 0.2699, 0.3277



43.7945, 0.3785, 0.3303

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.



66.7123, 0.3660, 0.3502



66.7123, 0.2699, 0.3277



66.7123, 0.3360, 0.3067

Square

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



66.7123, 0.2699, 0.3277



66.7123, 0.2840, 0.2846



66.7123, 0.3572, 0.3278



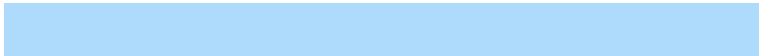
66.7123, 0.3407, 0.3766

Rectangle

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



66.7123, 0.2699, 0.3277



66.7123, 0.2641, 0.2930



66.7123, 0.3572, 0.3278



66.7123, 0.3635, 0.3631

Sweetspot

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



66.7150, 0.2699, 0.3277



95.6916, 0.2988, 0.3286



64.2554, 0.3087, 0.4154



20.3430, 0.2966, 0.3286



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.



66.7150, 0.2699, 0.3277



85.6995, 0.2618, 0.3274



50.7705, 0.2654, 0.2868



15.5364, 0.2982, 0.3286



33.1708, 0.2234, 0.3244



2.3103, 0.2236, 0.3251

Inverse Universe

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



46.3927, 0.3170, 0.2564



54.6598, 0.3180, 0.2407



56.5801, 0.3676, 0.3677



13.9320, 0.3140, 0.3062



12.2567, 0.3246, 0.1562



0.8507, 0.3240, 0.1558

Previews

White Background



This preview shows how the Yxy color 66.7123, 0.2699, 0.3277 looks on a white background.

Color Contrast Check

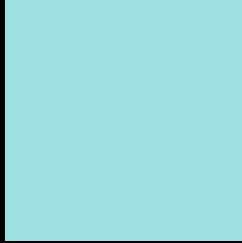
Large Text (above 18pt) WCAG AA × Fail

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 66.7123, 0.2699, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

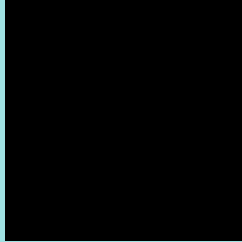
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

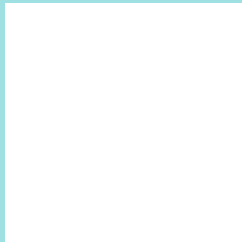
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7123, 0.2699, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 66.7123, 0.2699, 0.3277.

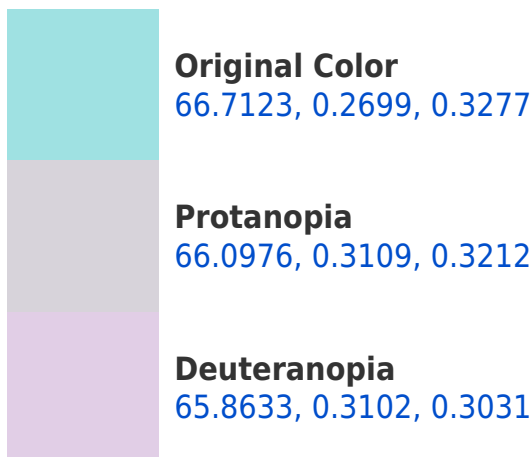


This preview shows how white text looks on a background with the Yxy color 66.7123, 0.2699, 0.3277.

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

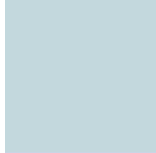
66.8076, 0.2633, 0.3078

Trichromacy



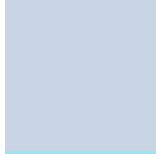
Original Color

66.7123, 0.2699, 0.3277



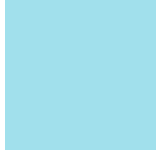
Protanomaly

65.9343, 0.2947, 0.3232



Deuteranomaly

65.6631, 0.2936, 0.3109



Tritanomaly

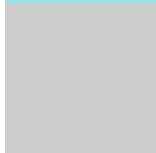
66.9445, 0.2656, 0.3147

Monochromacy



Original Color

66.7123, 0.2699, 0.3277



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.5824, 0.2948, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7123, 0.2699, 0.3277 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, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(159, 225, 226)  
}
```

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, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 66.7123, 0.2699, 0.3277 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, 225, 226) }
```

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

```
.border{ border-color:rgb(159, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(159, 225,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7123, 0.2699, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 225, 226) }
```

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

```
.background{ background-color: rgb(159,  
225, 226) }
```

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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