

Converting Colors

$Yxy(66.3660, 0.2797, 0.3516)$

Have a look what the booklet for
Yxy(66.3660, 0.2797, 0.3516)
contains.

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Color

Yxy(66.2159, 0.2794, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	9EE2D0
RGB	158, 226, 208
RGB Percent	62%, 89%, 82%
CMY	0.3801, 0.1138, 0.1843
CMYK	0.30, 0.00, 0.08, 0.11
HSL	164°, 54%, 75%
HSV	164°, 30%, 89%
XYZ	52.6936, 66.2159, 69.6861
YIQ	203.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

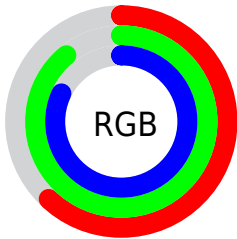
Format	Color
RYB	158, 197, 226
Decimal	10412752
CIELab	85.11, -25.05, 1.97
CIELCh	85, 25.132, 175.514
Yxy	66.2159, 0.2794, 0.3511
Android (android.graphics.Color)	4288602832 (0xFF9EE2D0)
YUV	203.6160, 2.1613, -40.0052
Hunter-Lab	81.3732, -26.8144, 6.1866

Details

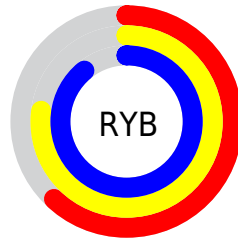
The Yxy color **66.2159, 0.2794, 0.3511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7824, 0.3621, 0.3082**, and the grayscale version is **60.1421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **34.0256, 0.2708, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **63.8434, 0.2701, 0.3598**, and if you desaturate by 10%, it is **69.0263, 0.2898, 0.3431**.

Distribution



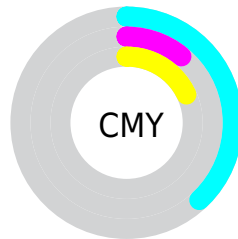
- Red (62%)
- Green (89%)
- Blue (82%)



- Red (62%)
- Yellow (77%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2159, 0.2794, 0.3511 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 66.2159, 0.2794, 0.3511 by changing the saturation by 10% instead.


 66.2159, 0.2794,
0.3511


 66.2159, 0.2794,
0.3511


447.1486, 0.2951,
0.3406

 48.4477, 0.2757,
0.3536


 113.7962, 0.2849,
0.3474

 34.1816, 0.2712,
0.3566


 144.3770, 0.2870,
0.3460

 23.0331, 0.2654,
0.3606

179.9975, 0.2888,
0.3448

 14.6180, 0.2577,
0.3659

221.0420, 0.2904,
0.3437

 8.5517, 0.2470,
0.3732

267.8950, 0.2918,
0.3428

 4.4500, 0.2312,
0.3843

320.9408, 0.2930,

 1.9283, 0.2057,

0.3420

380.5639, 0.2941,
0.3413

0.4025

0.5653, 0.0000,
0.5418

0.0000, 0.0000,
0.0000

66.2159, 0.2794,
0.3511

66.2159, 0.2794,
0.3511

63.8434, 0.2701,
0.3598

69.0263, 0.2898,
0.3431

61.8776, 0.2621,
0.3689


72.2880, 0.3010,
0.3357


60.2956, 0.2558,
0.3785


76.0238, 0.3127,
0.3290


59.0691, 0.2513,
0.3884

80.2524, 0.3246,
0.3231

 58.1656, 0.2488,
0.3985


 81.8158, 0.3252,
0.3173

 57.5468, 0.2484,
0.4084

 82.1731, 0.3212,
0.3115

 57.1469, 0.2495,
0.4182

 82.5422, 0.3173,
0.3057

 82.8673, 0.3140,
0.3009

Harmonies

Analogous

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



66.2159, 0.3082, 0.3753



66.2159, 0.2794, 0.3511



66.2159, 0.2600, 0.3211

Triad

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



66.2159, 0.2794, 0.3511



66.2159, 0.2846, 0.2782



66.2159, 0.3749, 0.3582

Complementary

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



66.2159, 0.2794, 0.3511



43.7824, 0.3621, 0.3082

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.



66.2159, 0.3683, 0.3328



66.2159, 0.2794, 0.3511



66.2159, 0.3148, 0.2882

Square

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



66.2159, 0.2794, 0.3511



66.2159, 0.2629, 0.2804



66.2159, 0.3458, 0.3077



66.2159, 0.3640, 0.3778

Rectangle

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



66.2159, 0.2794, 0.3511



66.2159, 0.2545, 0.3030



66.2159, 0.3458, 0.3077



66.2159, 0.3747, 0.3501

Sweetspot

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



66.2186, 0.2794, 0.3511



95.5191, 0.3021, 0.3350



66.1101, 0.3210, 0.4135



20.3004, 0.3004, 0.3360



0.0000, 0.0000, 0.0000



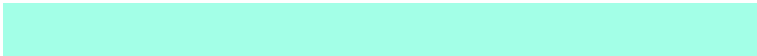
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2186, 0.2794, 0.3511



85.0804, 0.2735, 0.3564



58.9307, 0.2673, 0.3094



15.5072, 0.3017, 0.3353



32.6262, 0.2491, 0.4167



2.2760, 0.2448, 0.4014

Inverse Universe

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



43.7824, 0.3621, 0.3082



51.1347, 0.3766, 0.3037



48.8797, 0.3746, 0.3477



13.7598, 0.3251, 0.3228



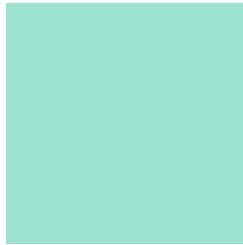
9.4261, 0.5875, 0.3010



0.6680, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 66.2159, 0.2794, 0.3511 looks on a white background.

Color Contrast Check

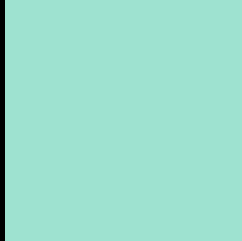
Large Text (above 18pt) WCAG AA × Fail

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 66.2159, 0.2794, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

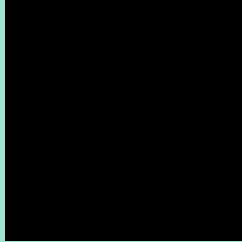
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

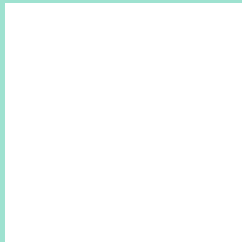
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2159, 0.2794, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 66.2159, 0.2794, 0.3511.

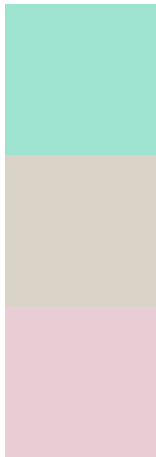


This preview shows how white text looks on a background with the Yxy color 66.2159, 0.2794, 0.3511.

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

66.2159, 0.2794, 0.3511

Protanopia

65.6641, 0.3257, 0.3414

Deuteranopia

65.5719, 0.3284, 0.3215



Tritanopia

65.9442, 0.2658, 0.3077

Trichromacy



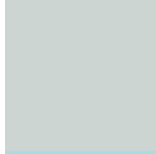
Original Color

66.2159, 0.2794, 0.3511



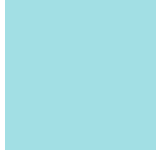
Protanomaly

65.1593, 0.3070, 0.3443



Deuteranomaly

65.2708, 0.3082, 0.3313



Tritanomaly

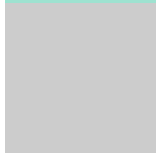
66.0582, 0.2703, 0.3229

Monochromacy



Original Color

66.2159, 0.2794, 0.3511



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.0595, 0.2993, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2159, 0.2794, 0.3511 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(158, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 208)  
}
```

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(158, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.2159, 0.2794, 0.3511 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(158, 226, 208) }
```

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

```
.border{ border-color:rgb(158, 226, 208) }
```

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

Here you see how a box with a 4 pixel rgb(158, 226, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(158, 226,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2159, 0.2794, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 226, 208) }
```

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

```
.background{ background-color: rgb(158,  
226, 208) }
```

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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