

Converting Colors

$Yxy(66.0761, 0.2815, 0.3556)$

Have a look what the booklet for
Yxy(66.0761, 0.2815, 0.3556)
contains.

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Color

Yxy(66.0214, 0.2816, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	9EE2CC
RGB	158, 226, 204
RGB Percent	62%, 89%, 80%
CMY	0.3805, 0.1137, 0.1999
CMYK	0.30, 0.00, 0.10, 0.11
HSL	161°, 54%, 75%
HSV	161°, 30%, 89%
XYZ	52.1943, 66.0214, 67.1335
YIQ	203.1600, -33.4660, -21.2580

Conversions

Conversions Part 2

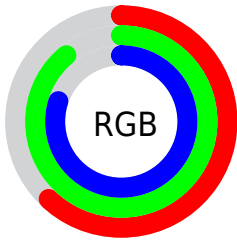
Format	Color
RYB	158, 199, 226
Decimal	10412748
CIELab	85.01, -25.93, 3.93
CIELCh	85, 26.224, 171.391
Yxy	66.0214, 0.2816, 0.3562
Android (android.graphics.Color)	4288602828 (0xFF9EE2CC)
YUV	203.1600, 0.4141, -39.6053
Hunter-Lab	81.2536, -27.5318, 7.8908

Details

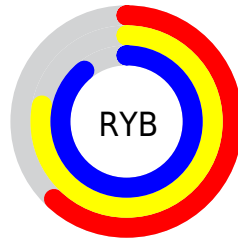
The Yxy color **66.0214, 0.2816, 0.3562** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9092, 0.3583, 0.3036**, and the grayscale version is **59.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **33.8945, 0.2736, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **63.5972, 0.2729, 0.3669**, and if you desaturate by 10%, it is **68.8889, 0.2913, 0.3463**.

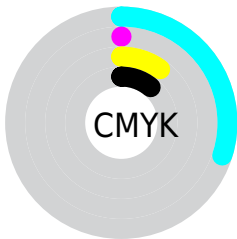
Distribution



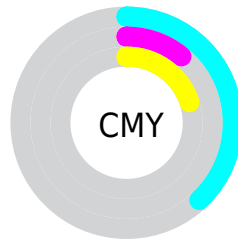
- Red (62%)
- Green (89%)
- Blue (80%)



- Red (62%)
- Yellow (78%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0214, 0.2816, 0.3562 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 66.0214, 0.2816, 0.3562 by changing the saturation by 10% instead.


 66.0214, 0.2816,
0.3562


 66.0214, 0.2816,
0.3562


446.4534, 0.2963,
0.3432

 48.2898, 0.2782,
0.3593


 113.5170, 0.2868,
0.3516

 34.0564, 0.2738,
0.3632


 144.0499, 0.2888,
0.3498

 22.9369, 0.2683,
0.3682


179.6185, 0.2905,
0.3483

 14.5470, 0.2610,
0.3749

220.6074, 0.2920,
0.3470

 8.5021, 0.2507,
0.3844

267.4010, 0.2933,
0.3459

 4.4178, 0.2355,
0.3987

320.3836, 0.2944,

 1.9099, 0.2105,

0.3449

0.4230

379.9396, 0.2954,
0.3440

0.5543, 0.0000,
0.6275

0.0000, 0.0000,
0.0000

66.0214, 0.2816,
0.3562

66.0214, 0.2816,
0.3562

63.5972, 0.2729,
0.3669

68.8889, 0.2913,
0.3463

61.5847, 0.2654,
0.3783

72.2131, 0.3018,
0.3373

59.9612, 0.2596,
0.3903


76.0169, 0.3126,
0.3291

58.6980, 0.2556,
0.4026


80.3191, 0.3236,
0.3218

 57.7628, 0.2537,
0.4151

 81.9800, 0.3234,
0.3147

 57.1167, 0.2537,
0.4275

 82.4241, 0.3187,
0.3077

 56.6958, 0.2554,
0.4396

 82.8766, 0.3140,
0.3009

Harmonies

Analogous

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



66.0214, 0.3125, 0.3799



66.0214, 0.2816, 0.3562



66.0214, 0.2597, 0.3249

Triad

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



66.0214, 0.2816, 0.3562



66.0214, 0.2796, 0.2756



66.0214, 0.3779, 0.3559

Complementary

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



66.0214, 0.2816, 0.3562



43.9092, 0.3583, 0.3036

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.



66.0214, 0.3684, 0.3291



66.0214, 0.2816, 0.3562



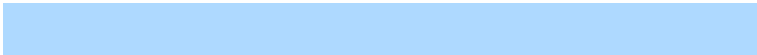
66.0214, 0.3103, 0.2844

Square

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



66.0214, 0.2816, 0.3562



66.0214, 0.2587, 0.2796



66.0214, 0.3432, 0.3035



66.0214, 0.3688, 0.3777

Rectangle

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



66.0214, 0.2816, 0.3562



66.0214, 0.2526, 0.3054



66.0214, 0.3432, 0.3035



66.0214, 0.3768, 0.3472

Sweetspot

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



66.0241, 0.2816, 0.3562



95.4357, 0.3029, 0.3364



66.6463, 0.3242, 0.4128



20.2798, 0.3013, 0.3376



0.0000, 0.0000, 0.0000



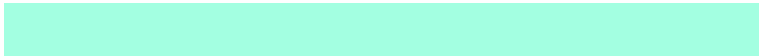
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0241, 0.2816, 0.3562



84.7823, 0.2761, 0.3627



61.1904, 0.2679, 0.3150



15.4931, 0.3025, 0.3367



32.3653, 0.2549, 0.4376



2.2596, 0.2497, 0.4188

Inverse Universe

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



43.9092, 0.3583, 0.3036



51.3696, 0.3714, 0.2982



47.1309, 0.3763, 0.3425



13.7732, 0.3241, 0.3214



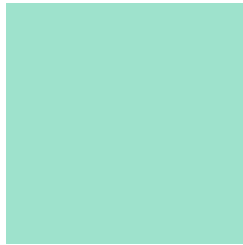
9.5182, 0.5670, 0.2897



0.6758, 0.5233, 0.2656

Previews

White Background



This preview shows how the Yxy color 66.0214, 0.2816, 0.3562 looks on a white background.

Color Contrast Check

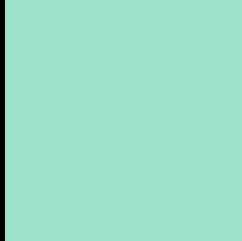
Large Text (above 18pt) WCAG AA × Fail

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 66.0214, 0.2816, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

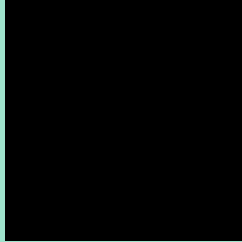
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

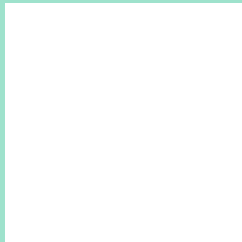
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0214, 0.2816, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 66.0214, 0.2816, 0.3562.

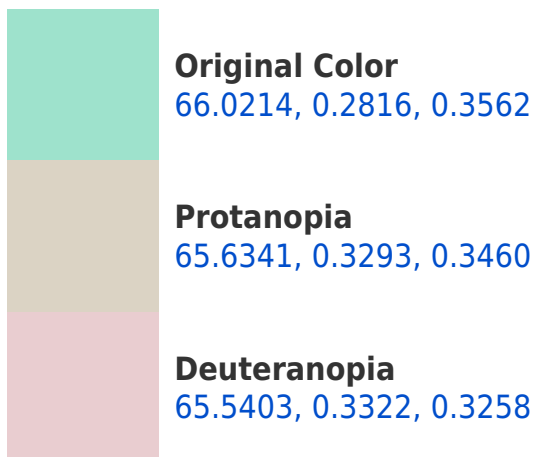


This preview shows how white text looks on a background with the Yxy color 66.0214, 0.2816, 0.3562.

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

65.9442, 0.2658, 0.3077

Trichromacy



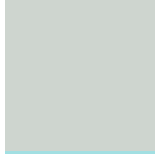
Original Color

66.0214, 0.2816, 0.3562



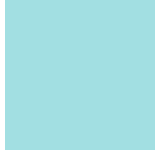
Protanomaly

65.1056, 0.3103, 0.3490



Deuteranomaly

65.2153, 0.3117, 0.3359



Tritanomaly

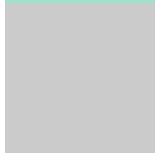
65.9477, 0.2714, 0.3253

Monochromacy



Original Color

66.0214, 0.2816, 0.3562



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.4651, 0.3006, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0214, 0.2816, 0.3562 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.0214, 0.2816, 0.3562 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, 204) }
```

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

```
.border{ border-color:rgb(158, 226, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 226, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 226, 204);  
box-shadow:4px 4px 4px 4px rgb(158, 226,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0214, 0.2816, 0.3562 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, 204) }
```

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

```
.background{ background-color: rgb(158,  
226, 204) }
```

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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