

Converting Colors

$Yxy(65.2425, 0.2733, 0.3509)$

Have a look what the booklet for
Yxy(65.2425, 0.2733, 0.3509)
contains.

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Color

Yxy(65.2427, 0.2736, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	94E2D0
RGB	148, 226, 208
RGB Percent	58%, 89%, 82%
CMY	0.4199, 0.1137, 0.1843
CMYK	0.35, 0.00, 0.08, 0.11
HSL	166°, 57%, 73%
HSV	166°, 35%, 89%
XYZ	50.7835, 65.2427, 69.5860
YIQ	200.6260, -40.7100, -22.1340

Conversions

Conversions Part 2

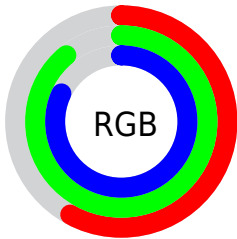
Format	Color
RYB	148, 192, 226
Decimal	9757392
CIELab	84.61, -27.93, 1.19
CIELCh	85, 27.959, 177.560
Yxy	65.2427, 0.2736, 0.3515
Android (android.graphics.Color)	4287947472 (0xFF94E2D0)
YUV	200.6260, 3.6354, -46.1530
Hunter-Lab	80.7730, -29.1263, 5.4626

Details

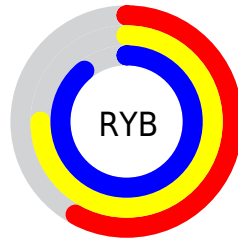
The Yxy color **65.2427, 0.2736, 0.3515** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.0803, 0.3752, 0.3080**, and the grayscale version is **58.1528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **33.4097, 0.2634, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **63.0881, 0.2645, 0.3592**, and if you desaturate by 10%, it is **67.8224, 0.2839, 0.3443**.

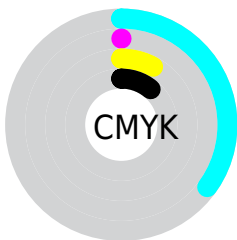
Distribution



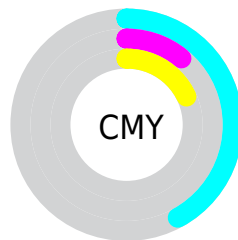
- Red (58%)
- Green (89%)
- Blue (82%)



- Red (58%)
- Yellow (75%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)




- Cyan (42%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2427, 0.2736, 0.3515 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 65.2427, 0.2736, 0.3515 by changing the saturation by 10% instead.


 65.2427, 0.2736,
0.3515

 65.2427, 0.2736,
0.3515


443.6636, 0.2920,
0.3409

 47.6579, 0.2693,
0.3540


 112.3987, 0.2801,
0.3478

 33.5561, 0.2640,
0.3571


 142.7387, 0.2826,
0.3463

 22.5528, 0.2571,
0.3611

178.0993, 0.2847,
0.3451

 14.2636, 0.2481,
0.3664

218.8647, 0.2866,
0.3440

 8.3042, 0.2356,
0.3738

265.4195, 0.2882,
0.3431

 4.2902, 0.2171,
0.3848

318.1480, 0.2896,

 1.8372, 0.1875,

0.3422

0.4028

377.4345, 0.2909,
0.3415

■ 0.5102, 0.0000,
0.5193

■ 0.0000, 0.0000,
0.0000

■ 65.2427, 0.2736,
0.3515

■ 65.2427, 0.2736,
0.3515

■ 63.0881, 0.2645,
0.3592

■ 67.8224, 0.2839,
0.3443

■ 61.3266, 0.2570,
0.3673


■ 70.8415, 0.2952,
0.3376

■ 59.9342, 0.2512,
0.3757

■ 74.3233, 0.3071,
0.3316


■ 58.8809, 0.2473,
0.3843


■ 78.2870, 0.3195,
0.3261


 58.1320, 0.2455,
0.3929

 81.6073, 0.3277,
0.3211


 57.6449, 0.2455,
0.4014

 81.9118, 0.3243,
0.3160

 57.4525, 0.2461,
0.4060

 82.2251, 0.3208,
0.3109

 82.5474, 0.3174,
0.3059

 82.8788, 0.3141,
0.3010

Harmonies

Analogous

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



65.2427, 0.3051, 0.3797



65.2427, 0.2736, 0.3515



65.2427, 0.2531, 0.3177

Triad

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



65.2427, 0.2736, 0.3515



65.2427, 0.2834, 0.2730



65.2427, 0.3821, 0.3630

Complementary

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



65.2427, 0.2736, 0.3515



40.0803, 0.3752, 0.3080

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.



65.2427, 0.3761, 0.3349



65.2427, 0.2736, 0.3515



65.2427, 0.3174, 0.2849

Square

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



65.2427, 0.2736, 0.3515



65.2427, 0.2585, 0.2742



65.2427, 0.3519, 0.3070



65.2427, 0.3684, 0.3844

Rectangle

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



65.2427, 0.2736, 0.3515



65.2427, 0.2477, 0.2979



65.2427, 0.3519, 0.3070



65.2427, 0.3823, 0.3540

Sweetspot

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



65.2453, 0.2736, 0.3515



95.1071, 0.3005, 0.3348



64.6613, 0.3201, 0.4286



20.2205, 0.2988, 0.3357



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.



65.2453, 0.2736, 0.3515



83.8089, 0.2673, 0.3566



55.5366, 0.2605, 0.3026



15.5154, 0.3012, 0.3345



32.7899, 0.2457, 0.4047



2.2862, 0.2421, 0.3915

Inverse Universe

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



40.0803, 0.3752, 0.3080



46.2953, 0.3933, 0.3039



46.5912, 0.3860, 0.3537



13.7521, 0.3256, 0.3236



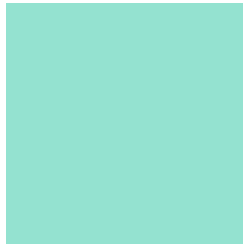
9.3817, 0.5980, 0.3068



0.6640, 0.5545, 0.2828

Previews

White Background



This preview shows how the Yxy color 65.2427, 0.2736, 0.3515 looks on a white background.

Color Contrast Check

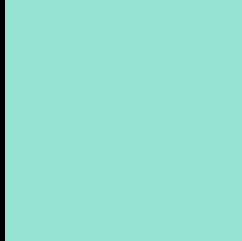
Large Text (above 18pt) WCAG AA × Fail

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 65.2427, 0.2736, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

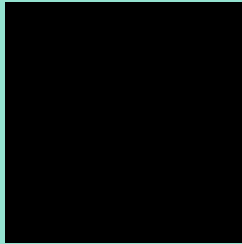
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

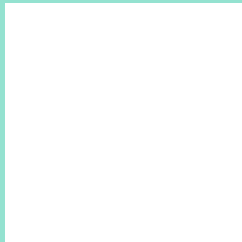
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2427, 0.2736, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 65.2427, 0.2736, 0.3515.



This preview shows how white text looks on a background with the Yxy color 65.2427, 0.2736, 0.3515.

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

65.2427, 0.2736, 0.3515

Protanopia

64.4762, 0.3259, 0.3404

Deuteranopia

64.6478, 0.3255, 0.3192



Tritanopia

64.9135, 0.2602, 0.3074

Trichromacy



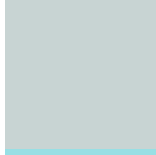
Original Color

65.2427, 0.2736, 0.3515



Protanomaly

64.0716, 0.3048, 0.3444



Deuteranomaly

64.0695, 0.3046, 0.3301



Tritanomaly

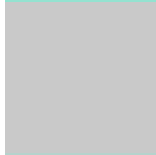
65.0522, 0.2647, 0.3228

Monochromacy



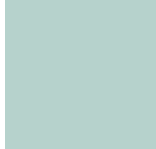
Original Color

65.2427, 0.2736, 0.3515



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.3979, 0.2964, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2427, 0.2736, 0.3515 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(148, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 226, 208) }
```

Border

The CSS property to change the border of an element to Yxy 65.2427, 0.2736, 0.3515 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(148, 226, 208) }
```

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

```
.border{ border-color:rgb(148, 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(148, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(148, 226,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2427, 0.2736, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 226, 208) }
```

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

```
.background{ background-color: rgb(148,  
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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