

Converting Colors

$Y_{xy}(49.8015, 0.2761, 0.3253)$

Have a look what the booklet for
Yxy(49.8015, 0.2761, 0.3253)
contains.

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Color

Yxy(49.9466, 0.2765, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	95C4C6
RGB	149, 196, 198
RGB Percent	58%, 77%, 78%
CMY	0.4154, 0.2314, 0.2235
CMYK	0.25, 0.01, 0.00, 0.22
HSL	182°, 30%, 68%
HSV	182°, 25%, 78%
XYZ	42.3367, 49.9466, 60.8332
YIQ	182.1750, -28.6540, -9.3420

Conversions

Conversions Part 2

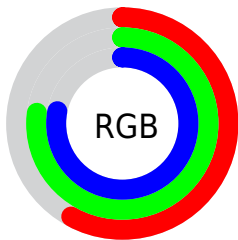
Format	Color
RYB	149, 173, 198
Decimal	9815238
CIELab	76.04, -14.86, -6.04
CIELCh	76, 16.037, 202.127
Yxy	49.9466, 0.2765, 0.3262
Android (android.graphics.Color)	4288005318 (0xFF95C4C6)
YUV	182.1750, 7.8017, -29.0945
Hunter-Lab	70.6729, -16.7469, -1.5641

Details

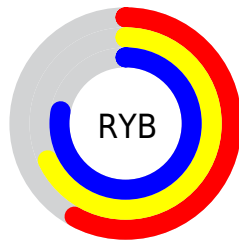
The Yxy color $49.9466, 0.2765, 0.3262$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $36.3374, 0.3634, 0.3318$, and the grayscale version is $46.8560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.3079, 0.2826, 0.3268$, and $23.9010, 0.2672, 0.3252$ is the 20% darker color. If you saturate the color by 10%, you get $47.8750, 0.2636, 0.3249$, and if you desaturate by 10%, it is $52.3408, 0.2905, 0.3274$.

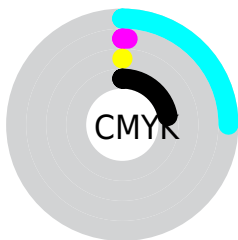
Distribution



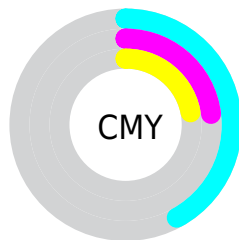
- Red (58%)
- Green (77%)
- Blue (78%)



- Red (58%)
- Yellow (68%)
- Blue (78%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (42%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9466, 0.2765, 0.3262 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 49.9466, 0.2765, 0.3262 by changing the saturation by 10% instead.


 49.9466, 0.2765,
0.3262

 49.9466, 0.2765,
0.3262


386.4571, 0.2942,
0.3278

 35.3710, 0.2722,
0.3257


 90.0958, 0.2829,
0.3268

 23.9488, 0.2667,
0.3251


 116.4381, 0.2853,
0.3271

 15.2956, 0.2596,
0.3242


147.4714, 0.2873,
0.3272

 9.0271, 0.2498,
0.3228

183.5801, 0.2891,
0.3274

 4.7589, 0.2357,
0.3205

225.1487, 0.2906,
0.3275

 2.1065, 0.2136,
0.3162

272.5614, 0.2920,

 0.6683, 0.1296,

0.3276

0.3178

326.2028, 0.2932,
0.3277

0.0000, 0.0000,
0.0000

49.9466, 0.2765,
0.3262

49.9466, 0.2765,
0.3262

47.8750, 0.2636,
0.3249

52.3408, 0.2905,
0.3274

46.1041, 0.2522,
0.3236

55.0666, 0.3055,
0.3285

44.6184, 0.2425,
0.3223

58.1397, 0.3210,
0.3295

43.3987, 0.2345,
0.3209

61.5734, 0.3368,
0.3305

42.4235, 0.2285,
0.3195

65.3802, 0.3527,
0.3313

■ 41.6678, 0.2244,
0.3181

■ 67.0481, 0.3581,
0.3321

■ 41.1015, 0.2220,
0.3168

■ 67.4278, 0.3579,
0.3329

■ 40.8474, 0.2211,
0.3161

■ 67.8095, 0.3577,
0.3338

■ 68.1931, 0.3575,
0.3346

Harmonies

Analogous

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



49.9466, 0.2914, 0.3466



49.9466, 0.2765, 0.3262



49.9466, 0.2710, 0.3075

Triad

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



49.9466, 0.2765, 0.3262



49.9466, 0.3119, 0.2986



49.9466, 0.3501, 0.3623

Complementary

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



49.9466, 0.2765, 0.3262



36.3374, 0.3634, 0.3318

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.



49.9466, 0.3563, 0.3483



49.9466, 0.2765, 0.3262



49.9466, 0.3337, 0.3121

Square

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



49.9466, 0.2765, 0.3262



49.9466, 0.2909, 0.2925



49.9466, 0.3502, 0.3300



49.9466, 0.3339, 0.3679

Rectangle

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



49.9466, 0.2765, 0.3262



49.9466, 0.2733, 0.2985



49.9466, 0.3502, 0.3300



49.9466, 0.3535, 0.3584

Sweetspot

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



49.9486, 0.2765, 0.3262



96.3037, 0.3018, 0.3283



49.0084, 0.3083, 0.3960



20.5478, 0.3009, 0.3282



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.



49.9486, 0.2765, 0.3262



86.2768, 0.2690, 0.3255



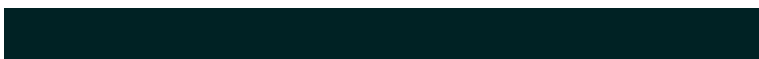
39.9425, 0.2736, 0.2927



11.9900, 0.2984, 0.3280



26.5966, 0.2212, 0.3163



1.2831, 0.2220, 0.3191

Inverse Universe

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



37.5087, 0.3174, 0.2705



60.3195, 0.3186, 0.2569



44.9026, 0.3561, 0.3627



10.8088, 0.3144, 0.3072



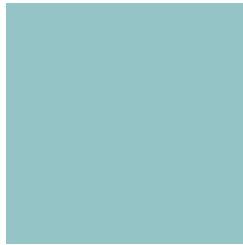
10.2249, 0.3314, 0.1599



0.4865, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 49.9466, 0.2765, 0.3262 looks on a white background.

Color Contrast Check

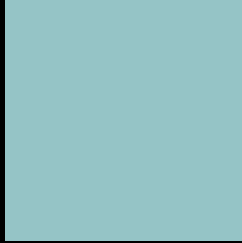
Large Text (above 18pt) WCAG AA × Fail

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 49.9466, 0.2765, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

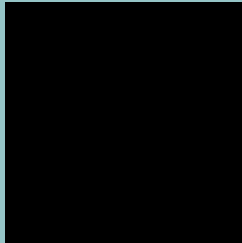
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

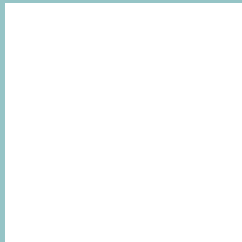
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9466, 0.2765, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 49.9466, 0.2765, 0.3262.

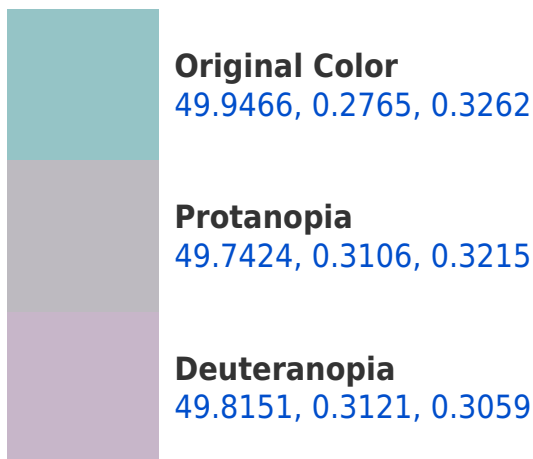


This preview shows how white text looks on a background with the Yxy color 49.9466, 0.2765, 0.3262.

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

49.9121, 0.2707, 0.3079

Trichromacy



Original Color

49.9466, 0.2765, 0.3262

Protanomaly

49.7206, 0.2970, 0.3238

Deuteranomaly

49.5345, 0.2981, 0.3125

Tritanomaly

50.0658, 0.2726, 0.3144

Monochromacy



Original Color

49.9466, 0.2765, 0.3262

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.7175, 0.2982, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9466, 0.2765, 0.3262 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(149, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 198)  
}
```

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(149, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 49.9466, 0.2765, 0.3262 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(149, 196, 198) }
```

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

```
.border{ border-color:rgb(149, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9466, 0.2765, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 198) }
```

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

```
.background{ background-color: rgb(149,  
196, 198) }
```

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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