

Converting Colors

$Yxy(35.8032, 0.2651, 0.3436)$

Have a look what the booklet for
Yxy(35.8032, 0.2651, 0.3436)
contains.

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Color

Yxy(35.9557, 0.2654, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	69AEA4
RGB	105, 174, 164
RGB Percent	41%, 68%, 64%
CMY	0.5883, 0.3176, 0.3569
CMYK	0.40, 0.00, 0.06, 0.32
HSL	171°, 30%, 55%
HSV	171°, 40%, 68%
XYZ	27.6598, 35.9557, 40.6039
YIQ	152.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

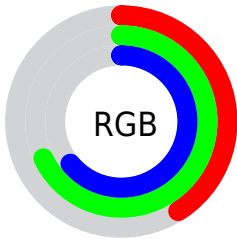
Format	Color
R _Y B	105, 142, 174
Decimal	6925988
CIE Lab	66.49, -24.20, -1.74
CIE LCh	66, 24.266, 184.111
Yxy	35.9557, 0.2654, 0.3450
Android (android.graphics.Color)	4285116068 (0xFF69AEA4)
YUV	152.2290, 5.8031, -41.4198
Hunter-Lab	59.9631, -22.5967, 1.8260

Details

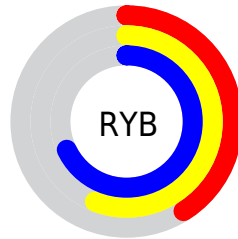
The Yxy color **35.9557, 0.2654, 0.3450** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3343, 0.3955, 0.3142**, and the grayscale version is **31.4881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0790, 0.2743, 0.3422**, and **15.5484, 0.2505, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **34.9192, 0.2564, 0.3497**, and if you desaturate by 10%, it is **37.2125, 0.2759, 0.3405**.

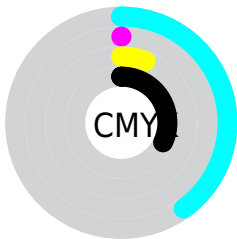
Distribution



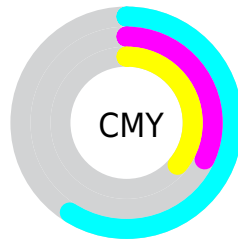
- Red (41%)
- Green (68%)
- Blue (64%)



- Red (41%)
- Yellow (56%)
- Blue (68%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)





- Cyan (59%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9557, 0.2654, 0.3450 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 35.9557, 0.2654, 0.3450 by changing the saturation by 10% instead.


 35.9557, 0.2654,
0.3450


 35.9557, 0.2654,
0.3450


328.7669, 0.2899,
0.3368

 24.4000, 0.2590,
0.3471


 68.9637, 0.2745,
0.3420


 15.6306, 0.2506,
0.3498


 91.1847, 0.2779,
0.3409

 9.2631, 0.2392,
0.3534


 117.7297, 0.2807,
0.3399

 4.9132, 0.2227,
0.3585

 148.9830, 0.2831,
0.3391

 2.1964, 0.1969,
0.3661

185.3289, 0.2851,
0.3385

 0.7180, 0.0535,
0.4191

227.1520, 0.2869,

 0.0000, 0.0000,

0.3379

0.0000

274.8365, 0.2885,
0.3373

■ 35.9557, 0.2654,
0.3450

■ 35.9557, 0.2654,
0.3450

■ 34.9192, 0.2564,
0.3497

■ 37.2125, 0.2759,
0.3405

■ 34.0853, 0.2490,
0.3546

■ 38.6973, 0.2875,
0.3363

■ 33.4409, 0.2434,
0.3597

■ 40.4228, 0.3000,
0.3324


■ 32.9692, 0.2397,
0.3647


■ 42.3996, 0.3132,
0.3289

■ 32.6505, 0.2379,
0.3698

■ 44.6374, 0.3266,
0.3257


 32.4445, 0.2375,
0.3748

 47.1457, 0.3403,
0.3228

 32.4383, 0.2375,
0.3750

 49.9332, 0.3538,
0.3203

 53.0085, 0.3671,
0.3181

 55.1104, 0.3744,
0.3159

Harmonies

Analogous

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



35.9557, 0.2967, 0.3775



35.9557, 0.2654, 0.3450



35.9557, 0.2471, 0.3095

Triad

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



35.9557, 0.2654, 0.3450



35.9557, 0.2889, 0.2716



35.9557, 0.3847, 0.3706

Complementary

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



35.9557, 0.2654, 0.3450



20.3343, 0.3955, 0.3142

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.



35.9557, 0.3831, 0.3418



35.9557, 0.2654, 0.3450



35.9557, 0.3259, 0.2868

Square

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



35.9557, 0.2654, 0.3450



35.9557, 0.2600, 0.2696



35.9557, 0.3611, 0.3118



35.9557, 0.3660, 0.3908

Rectangle

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



35.9557, 0.2654, 0.3450



35.9557, 0.2440, 0.2901



35.9557, 0.3611, 0.3118



35.9557, 0.3865, 0.3615

Sweetspot

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



35.9571, 0.2654, 0.3450



72.4789, 0.2968, 0.3334



34.9616, 0.3157, 0.4450



16.0187, 0.2952, 0.3339



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.9571, 0.2654, 0.3450



63.4745, 0.2570, 0.3493



27.8212, 0.2528, 0.2889



9.0518, 0.3005, 0.3323



23.5320, 0.2373, 0.3744



0.6600, 0.2331, 0.3592

Inverse Universe

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



20.3343, 0.3955, 0.3142



30.9987, 0.4258, 0.3110



25.7549, 0.3954, 0.3654



8.0336, 0.3264, 0.3257



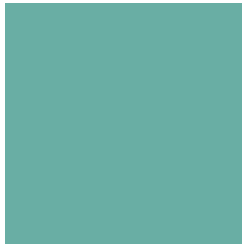
6.5840, 0.6175, 0.3176



0.1889, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 35.9557, 0.2654, 0.3450 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 35.9557, 0.2654, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

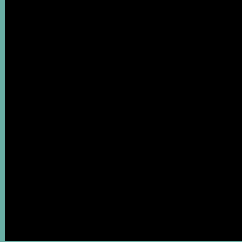
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9557, 0.2654, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 35.9557, 0.2654, 0.3450.

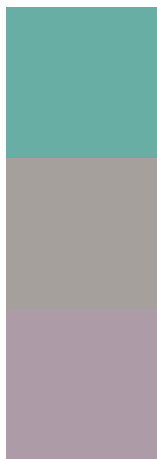


This preview shows how white text looks on a background with the Yxy color 35.9557, 0.2654, 0.3450.

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

35.9557, 0.2654, 0.3450

Protanopia

35.5412, 0.3211, 0.3348

Deuteranopia

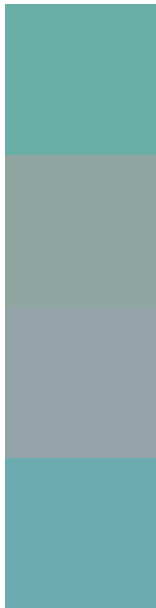
35.4883, 0.3184, 0.3122



Tritanopia

35.9436, 0.2544, 0.3073

Trichromacy



Original Color

35.9557, 0.2654, 0.3450

Protanomaly

35.2531, 0.2977, 0.3381

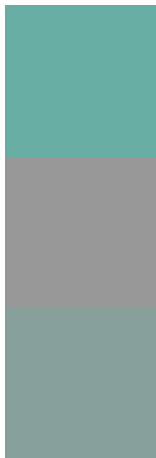
Deuteranomaly

35.2803, 0.2956, 0.3230

Tritanomaly

35.8675, 0.2584, 0.3210

Monochromacy



Original Color

35.9557, 0.2654, 0.3450

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.6928, 0.2929, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9557, 0.2654, 0.3450 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(105, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(105, 174, 164)  
}
```

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(105, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 174, 164) }
```

Border

The CSS property to change the border of an element to Yxy 35.9557, 0.2654, 0.3450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

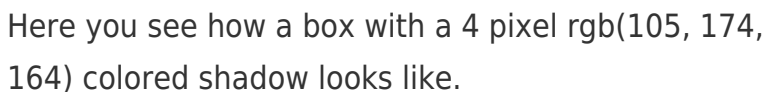
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 174, 164) }
```

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

```
.border{ border-color:rgb(105, 174, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(105, 174,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9557, 0.2654, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 174, 164) }
```

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

```
.background{ background-color: rgb(105,  
174, 164) }
```

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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