

Converting Colors

$Yxy(35.1016, 0.2766, 0.3458)$

Have a look what the booklet for
Yxy(35.1016, 0.2766, 0.3458)
contains.

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Color

Yxy(35.0694, 0.2759, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	75AAA0
RGB	117, 170, 160
RGB Percent	46%, 67%, 63%
CMY	0.5413, 0.3333, 0.3725
CMYK	0.31, 0.00, 0.06, 0.33
HSL	169°, 24%, 56%
HSV	169°, 31%, 67%
XYZ	28.0535, 35.0694, 38.5570
YIQ	153.0130, -28.3780, -14.3460

Conversions

Conversions Part 2

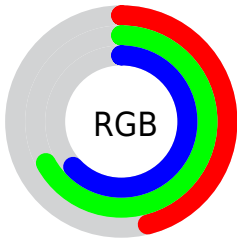
Format	Color
RYB	117, 146, 170
Decimal	7711392
CIELab	65.80, -19.69, -0.46
CIELCh	66, 19.699, 181.329
Yxy	35.0694, 0.2759, 0.3449
Android (android.graphics.Color)	4285901472 (0xFF75AAA0)
YUV	153.0130, 3.4446, -31.5834
Hunter-Lab	59.2194, -19.0748, 2.8506

Details

The Yxy color **35.0694, 0.2759, 0.3449** is a light color, and the websafe version is hex **669999**. A complement of this color would be **22.7921, 0.3686, 0.3139**, and the grayscale version is **31.8530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4147, 0.2831, 0.3409**, and **15.2192, 0.2640, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **33.8880, 0.2661, 0.3508**, and if you desaturate by 10%, it is **36.4704, 0.2869, 0.3393**.

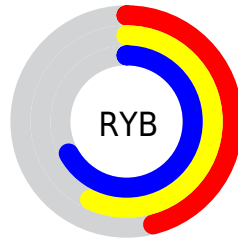
Distribution



Red (46%)

Green (67%)

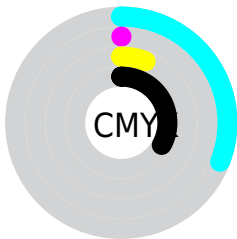
Blue (63%)



Red (46%)

Yellow (57%)

Blue (67%)

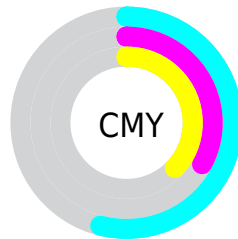


Cyan (31%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (54%)

Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0694, 0.2759, 0.3449 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 35.0694, 0.2759, 0.3449 by changing the saturation by 10% instead.


 35.0694, 0.2759,
0.3449


 35.0694, 0.2759,
0.3449


324.8746, 0.2951,
0.3366


 23.7163, 0.2708,
0.3471


 67.5933, 0.2831,
0.3418

 15.1233, 0.2641,
0.3499


 89.5329, 0.2857,
0.3407

 8.9060, 0.2549,
0.3538


 115.7701, 0.2879,
0.3397

 4.6799, 0.2415,
0.3595

146.6893, 0.2898,
0.3389

 2.0607, 0.2200,
0.3686

182.6750, 0.2914,
0.3382

 0.6424, 0.0863,
0.4272

224.1115, 0.2928,

 0.0000, 0.0000,

0.3376

0.0000

271.3832, 0.2940,
0.3371

■ 35.0694, 0.2759,
0.3449

■ 35.0694, 0.2759,
0.3449

■ 33.8880, 0.2661,
0.3508

■ 36.4704, 0.2869,
0.3393

■ 32.9103, 0.2576,
0.3571

■ 38.0974, 0.2987,
0.3342

■ 32.1250, 0.2508,
0.3636


■ 39.9618, 0.3112,
0.3295


■ 31.5180, 0.2458,
0.3703

■ 42.0732, 0.3240,
0.3253

■ 31.0732, 0.2427,
0.3770

■ 44.4403, 0.3369,
0.3215


 30.7714, 0.2415,
0.3838

 47.0717, 0.3497,
0.3182

 30.5876, 0.2416,
0.3897

 49.9754, 0.3624,
0.3152

 53.1592, 0.3747,
0.3127

 53.6795, 0.3735,
0.3095

Harmonies

Analogous

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



35.0694, 0.3026, 0.3701



35.0694, 0.2759, 0.3449



35.0694, 0.2594, 0.3160

Triad

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



35.0694, 0.2759, 0.3449



35.0694, 0.2907, 0.2807



35.0694, 0.3722, 0.3617

Complementary

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



35.0694, 0.2759, 0.3449



22.7921, 0.3686, 0.3139

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.



35.0694, 0.3691, 0.3377



35.0694, 0.2759, 0.3449



35.0694, 0.3208, 0.2924

Square

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



35.0694, 0.2759, 0.3449



35.0694, 0.2676, 0.2804



35.0694, 0.3499, 0.3128



35.0694, 0.3586, 0.3788

Rectangle

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



35.0694, 0.2759, 0.3449



35.0694, 0.2558, 0.2994



35.0694, 0.3499, 0.3128



35.0694, 0.3731, 0.3542

Sweetspot

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



35.0708, 0.2759, 0.3449



69.7699, 0.3012, 0.3332



34.5923, 0.3179, 0.4162



15.4569, 0.2995, 0.3339



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.0708, 0.2759, 0.3449



62.1934, 0.2694, 0.3487



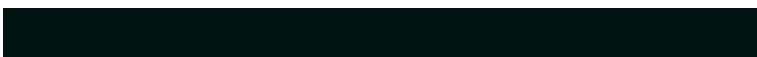
29.8246, 0.2659, 0.3031



8.5075, 0.3011, 0.3333



22.5058, 0.2414, 0.3889



0.5536, 0.2352, 0.3668

Inverse Universe

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



22.7921, 0.3686, 0.3139



36.5676, 0.3854, 0.3107



26.5719, 0.3745, 0.3534



7.5645, 0.3257, 0.3248



6.3697, 0.6069, 0.3117



0.1614, 0.5262, 0.2673

Previews

White Background



This preview shows how the Yxy color 35.0694, 0.2759, 0.3449 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 35.0694, 0.2759, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

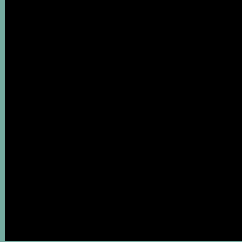
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0694, 0.2759, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 35.0694, 0.2759, 0.3449.



This preview shows how white text looks on a background with the Yxy color 35.0694, 0.2759, 0.3449.

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

35.0694, 0.2759, 0.3449

Protanopia

34.9159, 0.3211, 0.3364

Deuteranopia

34.6398, 0.3233, 0.3163



Tritanopia

35.0703, 0.2650, 0.3089

Trichromacy



Original Color

35.0694, 0.2759, 0.3449

Protanomaly

34.7057, 0.3029, 0.3397

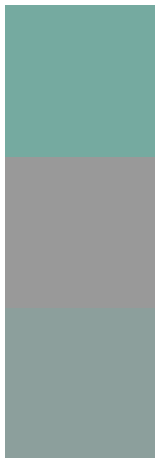
Deuteranomaly

34.5226, 0.3043, 0.3260

Tritanomaly

35.0155, 0.2686, 0.3211

Monochromacy



Original Color

35.0694, 0.2759, 0.3449

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.7720, 0.2974, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0694, 0.2759, 0.3449 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(117, 170, 160)` looks like.

```
.text, #text, p{  
    color:rgb(117, 170, 160)  
}
```

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(117, 170, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 170, 160) }
```

Border

The CSS property to change the border of an element to Yxy 35.0694, 0.2759, 0.3449 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(117, 170, 160) }
```

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

```
.border{ border-color:rgb(117, 170, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 170, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 170, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 170, 160);  
box-shadow:4px 4px 4px 4px rgb(117, 170,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0694, 0.2759, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 170, 160) }
```

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

```
.background{ background-color: rgb(117,  
170, 160) }
```

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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