

Converting Colors

$Y_{xy}(35.4809, 0.2754, 0.3449)$

Have a look what the booklet for
Yxy(35.4809, 0.2754, 0.3449)
contains.

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Color

Yxy(35.4809, 0.2754, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	75ABA1
RGB	117, 171, 161
RGB Percent	46%, 67%, 63%
CMY	0.5411, 0.3294, 0.3687
CMYK	0.32, 0.00, 0.06, 0.33
HSL	169°, 24%, 56%
HSV	169°, 32%, 67%
XYZ	28.3312, 35.4809, 39.0609
YIQ	153.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

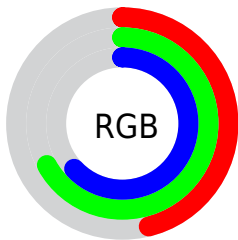
Format	Color
RYB	117, 147, 171
Decimal	7711649
CIELab	66.12, -19.97, -0.52
CIELCh	66, 19.979, 181.495
Yxy	35.4809, 0.2754, 0.3449
Android (android.graphics.Color)	4285901729 (0xFF75ABA1)
YUV	153.7140, 3.5920, -32.1982
Hunter-Lab	59.5658, -19.3405, 2.8161

Details

The Yxy color **35.4809, 0.2754, 0.3449** is a light color, and the websafe version is hex **669999**. A complement of this color would be **22.9175, 0.3697, 0.3139**, and the grayscale version is **32.1775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0085, 0.2826, 0.3409**, and **15.4777, 0.2634, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **34.2932, 0.2656, 0.3508**, and if you desaturate by 10%, it is **36.8907, 0.2864, 0.3394**.

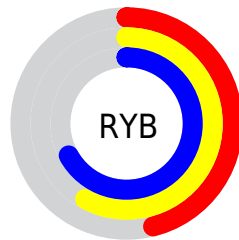
Distribution



Red (46%)

Green (67%)

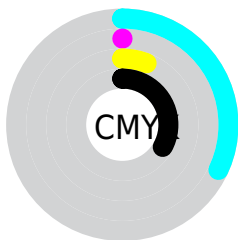
Blue (63%)



Red (46%)

Yellow (58%)

Blue (67%)

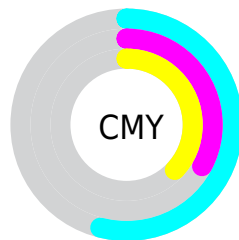


Cyan (32%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (54%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4809, 0.2754, 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 35.4809, 0.2754, 0.3449 by changing the saturation by 10% instead.


 35.4809, 0.2754,
0.3449


 35.4809, 0.2754,
0.3449


326.6859, 0.2948,
0.3367

 24.0336, 0.2703,
0.3471


 68.2301, 0.2827,
0.3418

 15.3585, 0.2636,
0.3499


 90.3007, 0.2853,
0.3407

 9.0714, 0.2543,
0.3538

 116.6812, 0.2875,
0.3398

 4.7878, 0.2408,
0.3594

147.7560, 0.2894,
0.3390

 2.1233, 0.2193,
0.3683

183.9095, 0.2911,
0.3383

 0.6777, 0.0973,
0.4213

225.5261, 0.2925,

 0.0000, 0.0000,

0.3377

0.0000

272.9901, 0.2937,
0.3371

■ 35.4809, 0.2754,
0.3449

■ 35.4809, 0.2754,
0.3449

■ 34.2932, 0.2656,
0.3508

■ 36.8907, 0.2864,
0.3394

■ 33.3115, 0.2572,
0.3570

■ 38.5292, 0.2982,
0.3343

■ 32.5243, 0.2504,
0.3634

■ 40.4080, 0.3107,
0.3297

■ 31.9172, 0.2455,
0.3700

■ 42.5367, 0.3235,
0.3255

■ 31.4737, 0.2425,
0.3766

■ 44.9244, 0.3365,
0.3218

■ 31.1743, 0.2413,
0.3833

■ 47.5796, 0.3494,
0.3184

■ 30.9982, 0.2413,
0.3888

■ 50.5106, 0.3621,
0.3155

■ 53.7251, 0.3744,
0.3130

■ 54.0859, 0.3725,
0.3097

Harmonies

Analogous

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



35.4809, 0.3023, 0.3705



35.4809, 0.2754, 0.3449



35.4809, 0.2588, 0.3157

Triad

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



35.4809, 0.2754, 0.3449



35.4809, 0.2906, 0.2803



35.4809, 0.3728, 0.3621

Complementary

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



35.4809, 0.2754, 0.3449



22.9175, 0.3697, 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.



35.4809, 0.3698, 0.3379



35.4809, 0.2754, 0.3449



35.4809, 0.3211, 0.2921

Square

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



35.4809, 0.2754, 0.3449



35.4809, 0.2672, 0.2799



35.4809, 0.3505, 0.3127



35.4809, 0.3589, 0.3793

Rectangle

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



35.4809, 0.2754, 0.3449



35.4809, 0.2553, 0.2990



35.4809, 0.3505, 0.3127



35.4809, 0.3737, 0.3545

Sweetspot

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



35.4823, 0.2754, 0.3449



69.7725, 0.3012, 0.3332



34.9865, 0.3179, 0.4174



15.4575, 0.2995, 0.3338



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.



35.4823, 0.2754, 0.3449



61.9930, 0.2683, 0.3490



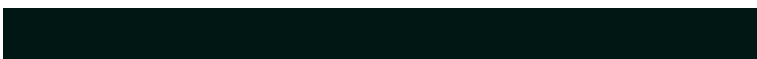
30.1016, 0.2653, 0.3027



9.0462, 0.3010, 0.3332



23.3742, 0.2412, 0.3882



0.6568, 0.2356, 0.3682

Inverse Universe

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



22.9175, 0.3697, 0.3139



35.8599, 0.3884, 0.3104



26.7757, 0.3755, 0.3537



8.0388, 0.3258, 0.3248



6.6104, 0.6078, 0.3122



0.1909, 0.5320, 0.2704

Previews

White Background



This preview shows how the Yxy color 35.4809, 0.2754, 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 35.4809, 0.2754, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

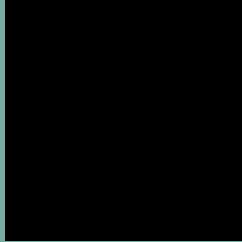
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4809, 0.2754, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 35.4809, 0.2754, 0.3449.

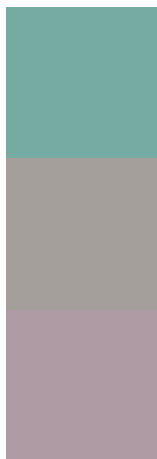


This preview shows how white text looks on a background with the Yxy color 35.4809, 0.2754, 0.3449.

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

35.4809, 0.2754, 0.3449

Protanopia

35.0219, 0.3221, 0.3363

Deuteranopia

35.1217, 0.3232, 0.3164



Tritanopia

35.4790, 0.2645, 0.3090

Trichromacy



Original Color

35.4809, 0.2754, 0.3449

Protanomaly

34.8318, 0.3030, 0.3381

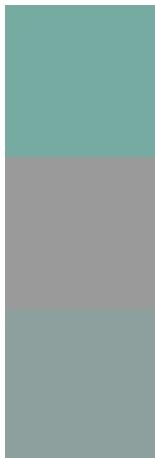
Deuteranomaly

34.9064, 0.3035, 0.3260

Tritanomaly

35.4250, 0.2681, 0.3211

Monochromacy



Original Color

35.4809, 0.2754, 0.3449

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.2387, 0.2975, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4809, 0.2754, 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(117, 171, 161)  
}
```

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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 171, 161) }
```

Border

The CSS property to change the border of an element to Yxy 35.4809, 0.2754, 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, 171, 161) }
```

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

```
.border{ border-color:rgb(117, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(117, 171,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4809, 0.2754, 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, 171, 161) }
```

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

```
.background{ background-color: rgb(117,  
171, 161) }
```

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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