

Converting Colors

$Yxy(35.3476, 0.2695, 0.3242)$

Have a look what the booklet for
Yxy(35.3476, 0.2695, 0.3242)
contains.

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Color

Yxy(35.3476, 0.2695, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	78A9AC
RGB	120, 169, 172
RGB Percent	47%, 66%, 67%
CMY	0.5292, 0.3373, 0.3255
CMYK	0.30, 0.02, 0.00, 0.33
HSL	183°, 24%, 57%
HSV	183°, 30%, 67%
XYZ	29.3836, 35.3476, 44.2990
YIQ	154.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

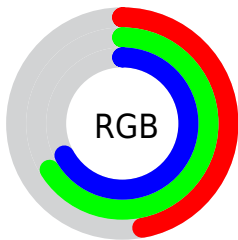
Format	Color
RYB	120, 145, 172
Decimal	7907756
CIELab	66.02, -15.44, -6.79
CIELCh	66, 16.868, 203.724
Yxy	35.3476, 0.2695, 0.3242
Android (android.graphics.Color)	4286097836 (0xFF78A9AC)
YUV	154.6910, 8.5333, -30.4240
Hunter-Lab	59.4538, -15.8249, -2.5592

Details

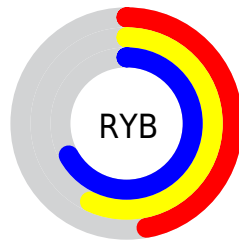
The Yxy color **35.3476, 0.2695, 0.3242** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.3025, 0.3775, 0.3337**, and the grayscale version is **32.6105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8560, 0.2780, 0.3254**, and **15.3439, 0.2562, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **33.8596, 0.2573, 0.3224**, and if you desaturate by 10%, it is **37.0621, 0.2829, 0.3259**.

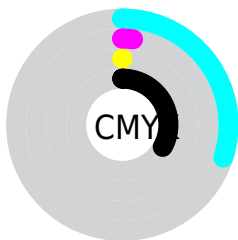
Distribution



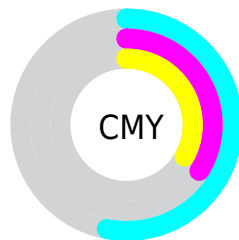
- Red (47%)
- Green (66%)
- Blue (67%)



- Red (47%)
- Yellow (57%)
- Blue (67%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3476, 0.2695, 0.3242 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 35.3476, 0.2695, 0.3242 by changing the saturation by 10% instead.


 35.3476, 0.2695,
0.3242


 35.3476, 0.2695,
0.3242

326.1000, 0.2918,
0.3271


 23.9308, 0.2637,
0.3233

 68.0239, 0.2778,
0.3254

 15.2823, 0.2561,
0.3221


 90.0522, 0.2808,
0.3257

 9.0177, 0.2457,
0.3203


 116.3863, 0.2834,
0.3261

 4.7527, 0.2308,
0.3173

147.4108, 0.2856,
0.3263

 2.1029, 0.2076,
0.3118

183.5101, 0.2875,
0.3266

 0.6663, 0.1196,
0.3110

225.0684, 0.2891,

 0.0000, 0.0000,

0.3267

0.0000

272.4702, 0.2906,
0.3269

■ 35.3476, 0.2695,
0.3242

■ 35.3476, 0.2695,
0.3242

■ 33.8596, 0.2573,
0.3224

■ 37.0621, 0.2829,
0.3259

■ 32.5821, 0.2467,
0.3205

■ 39.0099, 0.2973,
0.3275

■ 31.5035, 0.2377,
0.3186

■ 41.2025, 0.3124,
0.3290

■ 30.6094, 0.2306,
0.3167

■ 43.6496, 0.3279,
0.3303

■ 29.8836, 0.2253,
0.3148

■ 46.3604, 0.3435,
0.3315

■ 29.3068, 0.2218,
0.3129

■ 49.3433, 0.3591,
0.3326

■ 28.8452, 0.2197,
0.3110

■ 52.6067, 0.3744,
0.3336

■ 55.6548, 0.3869,
0.3344

■ 56.0478, 0.3866,
0.3355

Harmonies

Analogous

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



35.3476, 0.2864, 0.3486



35.3476, 0.2695, 0.3242



35.3476, 0.2638, 0.3024

Triad

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



35.3476, 0.2695, 0.3242



35.3476, 0.3130, 0.2941



35.3476, 0.3561, 0.3689

Complementary

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



35.3476, 0.2695, 0.3242



24.3025, 0.3775, 0.3337

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.



35.3476, 0.3642, 0.3525



35.3476, 0.2695, 0.3242



35.3476, 0.3388, 0.3102

Square

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



35.3476, 0.2695, 0.3242



35.3476, 0.2881, 0.2864



35.3476, 0.3578, 0.3311



35.3476, 0.3363, 0.3750

Rectangle

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



35.3476, 0.2695, 0.3242



35.3476, 0.2669, 0.2924



35.3476, 0.3578, 0.3311



35.3476, 0.3603, 0.3643

Sweetspot

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



35.3490, 0.2695, 0.3242



71.1711, 0.2989, 0.3277



34.9191, 0.3067, 0.4110



15.3513, 0.2968, 0.3274



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.



35.3490, 0.2695, 0.3242



62.3494, 0.2615, 0.3231



26.7458, 0.2649, 0.2824



8.9918, 0.2986, 0.3276



21.4957, 0.2198, 0.3112



0.6213, 0.2214, 0.3169

Inverse Universe

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



25.0776, 0.3194, 0.2593



40.8953, 0.3210, 0.2447



31.5001, 0.3666, 0.3714



8.1400, 0.3146, 0.3079



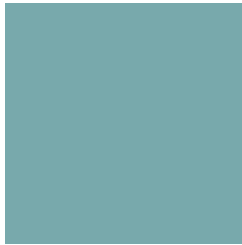
8.4731, 0.3357, 0.1623



0.2381, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 35.3476, 0.2695, 0.3242 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 35.3476, 0.2695, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

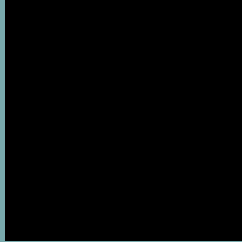
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3476, 0.2695, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 35.3476, 0.2695, 0.3242.

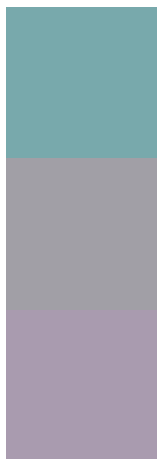


This preview shows how white text looks on a background with the Yxy color 35.3476, 0.2695, 0.3242.

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

35.3476, 0.2695, 0.3242

Protanopia

35.1265, 0.3084, 0.3188

Deuteranopia

34.9729, 0.3082, 0.3009



Tritanopia

35.4790, 0.2645, 0.3090

Trichromacy



Original Color

35.3476, 0.2695, 0.3242

Protanomaly

35.1325, 0.2930, 0.3215

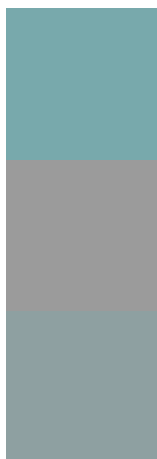
Deuteranomaly

34.7769, 0.2924, 0.3084

Tritanomaly

35.2846, 0.2658, 0.3135

Monochromacy



Original Color

35.3476, 0.2695, 0.3242

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.4656, 0.2951, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3476, 0.2695, 0.3242 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(120, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 169, 172)  
}
```

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(120, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 169, 172) }
```

Border

The CSS property to change the border of an element to Yxy 35.3476, 0.2695, 0.3242 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(120, 169, 172) }
```

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

```
.border{ border-color:rgb(120, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(120, 169,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3476, 0.2695, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 169, 172) }
```

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

```
.background{ background-color: rgb(120,  
169, 172) }
```

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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