

Converting Colors

$Y_{xy}(35.6669, 0.2718, 0.3198)$

Have a look what the booklet for
Yxy(35.6669, 0.2718, 0.3198)
contains.

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Color

Yxy(35.8675, 0.2725, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	7EA9AE
RGB	126, 169, 174
RGB Percent	49%, 66%, 68%
CMY	0.5060, 0.3372, 0.3176
CMYK	0.28, 0.03, 0.00, 0.32
HSL	186°, 23%, 59%
HSV	186°, 28%, 68%
XYZ	30.4293, 35.8675, 45.3704
YIQ	156.7130, -27.2330, -7.5610

Conversions

Conversions Part 2

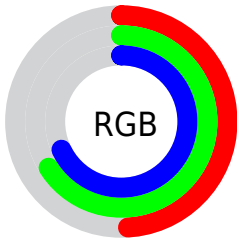
Format	Color
R _Y B	126, 149, 174
Decimal	8300974
CIE Lab	66.42, -13.20, -7.28
CIE LCh	66, 15.079, 208.877
Yxy	35.8675, 0.2725, 0.3212
Android (android.graphics.Color)	4286491054 (0xFF7EA9AE)
YUV	156.7130, 8.5225, -26.9353
Hunter-Lab	59.8895, -14.1123, -2.9936

Details

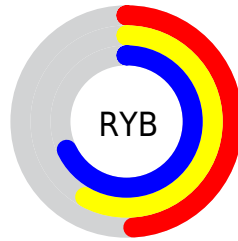
The Yxy color **35.8675, 0.2725, 0.3212** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.7311, 0.3694, 0.3366**, and the grayscale version is **33.5496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6718, 0.2805, 0.3231**, and **15.6236, 0.2599, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **33.9897, 0.2596, 0.3180**, and if you desaturate by 10%, it is **37.9877, 0.2865, 0.3242**.

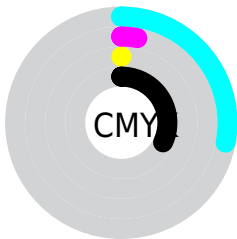
Distribution



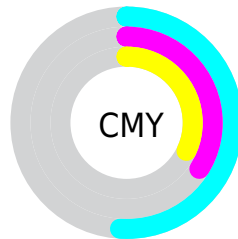
- Red (49%)
- Green (66%)
- Blue (68%)



- Red (49%)
- Yellow (58%)
- Blue (68%)



- Cyan (28%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)





- Cyan (51%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8675, 0.2725, 0.3212 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 35.8675, 0.2725, 0.3212 by changing the saturation by 10% instead.


 35.8675, 0.2725,
0.3212


 35.8675, 0.2725,
0.3212


328.3810, 0.2932,
0.3256

 24.3319, 0.2671,
0.3199


 68.8275, 0.2802,
0.3229

 15.5800, 0.2601,
0.3182


 91.0207, 0.2830,
0.3235

 9.2274, 0.2505,
0.3157


 117.5352, 0.2854,
0.3240

 4.8898, 0.2367,
0.3119

148.7554, 0.2874,
0.3244

 2.1828, 0.2153,
0.3051

185.0656, 0.2892,
0.3248

 0.7106, 0.1482,
0.2982

226.8504, 0.2907,

 0.0000, 0.0000,

0.3251

0.0000

274.4941, 0.2921,
0.3253

■ 35.8675, 0.2725,
0.3212

■ 35.8675, 0.2725,
0.3212

■ 33.9897, 0.2596,
0.3180

■ 37.9877, 0.2865,
0.3242

■ 32.3378, 0.2481,
0.3146

■ 40.3569, 0.3012,
0.3270

■ 30.9005, 0.2381,
0.3111

■ 42.9871, 0.3164,
0.3296

■ 29.6632, 0.2299,
0.3076

■ 45.8879, 0.3318,
0.3319

■ 28.6097, 0.2235,
0.3040

■ 49.0687, 0.3472,
0.3340

■ 27.7210, 0.2191,
0.3004

■ 52.5382, 0.3624,
0.3358

■ 26.9677, 0.2162,
0.2969

■ 56.3048, 0.3772,
0.3375

■ 26.7954, 0.2156,
0.2961

■ 58.3948, 0.3829,
0.3392

■ 59.1502, 0.3823,
0.3411

Harmonies

Analogous

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



35.8675, 0.2861, 0.3429



35.8675, 0.2725, 0.3212



35.8675, 0.2693, 0.3028

Triad

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



35.8675, 0.2725, 0.3212



35.8675, 0.3171, 0.2998



35.8675, 0.3490, 0.3662

Complementary

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



35.8675, 0.2725, 0.3212



26.7311, 0.3694, 0.3366

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.



35.8675, 0.3581, 0.3530



35.8675, 0.2725, 0.3212



35.8675, 0.3394, 0.3152

Square

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



35.8675, 0.2725, 0.3212



35.8675, 0.2944, 0.2914



35.8675, 0.3546, 0.3344



35.8675, 0.3301, 0.3696

Rectangle

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



35.8675, 0.2725, 0.3212



35.8675, 0.2733, 0.2947



35.8675, 0.3546, 0.3344



35.8675, 0.3533, 0.3627

Sweetspot

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



35.8689, 0.2725, 0.3212



72.9507, 0.3004, 0.3269



36.3432, 0.3054, 0.3989



16.0663, 0.2982, 0.3265



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.



35.8689, 0.2725, 0.3212



62.9644, 0.2647, 0.3193



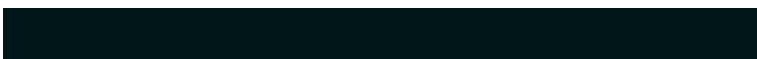
27.7974, 0.2687, 0.2830



8.9274, 0.2986, 0.3266



19.4823, 0.2157, 0.2965



0.5819, 0.2187, 0.3071

Inverse Universe

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



26.7786, 0.3212, 0.2681



43.9199, 0.3233, 0.2549



33.8805, 0.3604, 0.3710



8.1335, 0.3153, 0.3089



8.2698, 0.3485, 0.1694



0.2341, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 35.8675, 0.2725, 0.3212 looks on a white background.

Color Contrast Check

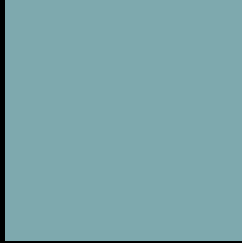
Large Text (above 18pt) WCAG AA × Fail

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 35.8675, 0.2725, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

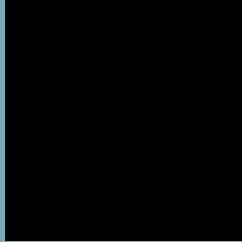
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8675, 0.2725, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 35.8675, 0.2725, 0.3212.



This preview shows how white text looks on a background with the Yxy color 35.8675, 0.2725, 0.3212.

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

35.8675, 0.2725, 0.3212

Protanopia

35.6876, 0.3067, 0.3160

Deuteranopia

35.7233, 0.3064, 0.3011



Tritanopia

35.9307, 0.2689, 0.3093

Trichromacy



Original Color

35.8675, 0.2725, 0.3212

Protanomaly

35.5242, 0.2932, 0.3171

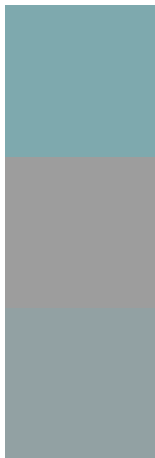
Deuteranomaly

35.3966, 0.2926, 0.3071

Tritanomaly

35.7316, 0.2703, 0.3137

Monochromacy



Original Color

35.8675, 0.2725, 0.3212

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2451, 0.2970, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8675, 0.2725, 0.3212 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(126, 169, 174)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 174)  
}
```

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(126, 169, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 174) }
```

Border

The CSS property to change the border of an element to Yxy 35.8675, 0.2725, 0.3212 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(126, 169, 174) }
```

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

```
.border{ border-color:rgb(126, 169, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 169, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 169, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 169, 174);  
box-shadow:4px 4px 4px 4px rgb(126, 169,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8675, 0.2725, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 174) }
```

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

```
.background{ background-color: rgb(126,  
169, 174) }
```

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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