

Converting Colors

$Yxy(35.7885, 0.2713, 0.3395)$

Have a look what the booklet for
Yxy(35.7885, 0.2713, 0.3395)
contains.

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Color

Yxy(35.8665, 0.2712, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	73ACA5
RGB	115, 172, 165
RGB Percent	45%, 67%, 65%
CMY	0.5492, 0.3254, 0.3529
CMYK	0.33, 0.00, 0.04, 0.33
HSL	173°, 26%, 56%
HSV	173°, 33%, 67%
XYZ	28.6088, 35.8665, 41.0144
YIQ	154.1590, -31.7250, -14.2610

Conversions

Conversions Part 2

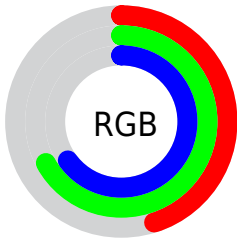
Format	Color
RYB	115, 145, 172
Decimal	7580837
CIELab	66.42, -20.16, -2.34
CIELCh	66, 20.298, 186.622
Yxy	35.8665, 0.2712, 0.3400
Android (android.graphics.Color)	4285770917 (0xFF73ACA5)
YUV	154.1590, 5.3446, -34.3424
Hunter-Lab	59.8886, -19.5357, 1.3176

Details

The Yxy color **35.8665, 0.2712, 0.3400** is a light color, and the websafe version is hex **669999**. A complement of this color would be **22.4246, 0.3786, 0.3186**, and the grayscale version is **32.3704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0891, 0.2793, 0.3384**, and **15.6820, 0.2584, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **34.7330, 0.2610, 0.3438**, and if you desaturate by 10%, it is **37.2217, 0.2827, 0.3364**.

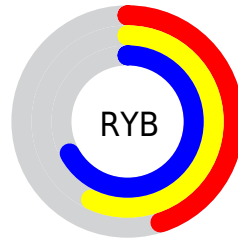
Distribution



Red (45%)

Green (67%)

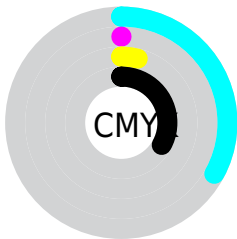
Blue (65%)



Red (45%)

Yellow (57%)

Blue (67%)

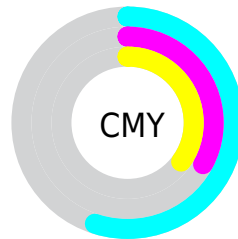


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (55%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8665, 0.2712, 0.3400 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 35.8665, 0.2712, 0.3400 by changing the saturation by 10% instead.


 35.8665, 0.2712,
0.3400


 35.8665, 0.2712,
0.3400


328.3767, 0.2927,
0.3345

 24.3311, 0.2656,
0.3414


 68.8260, 0.2792,
0.3380

 15.5794, 0.2582,
0.3432


 91.0188, 0.2821,
0.3372

 9.2270, 0.2481,
0.3456


 117.5330, 0.2846,
0.3366

 4.8896, 0.2336,
0.3489

148.7528, 0.2867,
0.3360

 2.1826, 0.2107,
0.3537

185.0627, 0.2885,
0.3356

 0.7105, 0.1000,
0.3881

226.8470, 0.2901,

 0.0000, 0.0000,

0.3351

0.0000

274.4902, 0.2915,
0.3348

■ 35.8665, 0.2712,
0.3400

■ 35.8665, 0.2712,
0.3400

■ 34.7330, 0.2610,
0.3438

■ 37.2217, 0.2827,
0.3364

■ 33.8047, 0.2524,
0.3479

■ 38.8055, 0.2952,
0.3330

■ 33.0698, 0.2454,
0.3520

■ 40.6297, 0.3084,
0.3299

■ 32.5134, 0.2403,
0.3562

■ 42.7042, 0.3221,
0.3271

■ 32.1184, 0.2371,
0.3605

■ 45.0382, 0.3360,
0.3246

■ 31.8643, 0.2357,
0.3647

■ 47.6404, 0.3500,
0.3224

■ 31.7410, 0.2354,
0.3675

■ 50.5191, 0.3637,
0.3204

■ 53.6825, 0.3772,
0.3187

■ 54.2315, 0.3774,
0.3166

Harmonies

Analogous

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



35.8665, 0.2970, 0.3673



35.8665, 0.2712, 0.3400



35.8665, 0.2566, 0.3108

Triad

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



35.8665, 0.2712, 0.3400



35.8665, 0.2953, 0.2810



35.8665, 0.3723, 0.3662

Complementary

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



35.8665, 0.2712, 0.3400



22.4246, 0.3786, 0.3186

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.



35.8665, 0.3723, 0.3424



35.8665, 0.2712, 0.3400



35.8665, 0.3266, 0.2948

Square

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



35.8665, 0.2712, 0.3400



35.8665, 0.2700, 0.2785



35.8665, 0.3552, 0.3167



35.8665, 0.3557, 0.3817

Rectangle

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



35.8665, 0.2712, 0.3400



35.8665, 0.2547, 0.2949



35.8665, 0.3552, 0.3167



35.8665, 0.3742, 0.3588

Sweetspot

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



35.8679, 0.2712, 0.3400



71.3324, 0.2991, 0.3321



34.9247, 0.3147, 0.4236



15.4081, 0.2973, 0.3325



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.



35.8679, 0.2712, 0.3400



63.4710, 0.2634, 0.3429



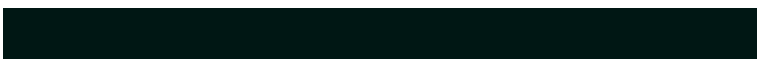
28.7815, 0.2622, 0.2948



9.0549, 0.3002, 0.3318



23.6219, 0.2353, 0.3671



0.6618, 0.2318, 0.3544

Inverse Universe

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



22.4246, 0.3786, 0.3186



35.2038, 0.4009, 0.3162



27.5801, 0.3778, 0.3606



8.0308, 0.3268, 0.3262



6.5720, 0.6221, 0.3201



0.1877, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 35.8665, 0.2712, 0.3400 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 35.8665, 0.2712, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

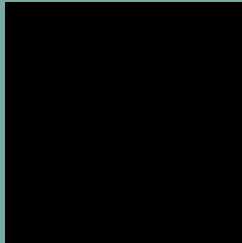
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

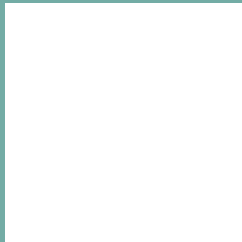
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.8665, 0.2712, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 35.8665, 0.2712, 0.3400.



This preview shows how white text looks on a background with the Yxy color 35.8665, 0.2712, 0.3400.

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

35.8665, 0.2712, 0.3400

Protanopia

35.5027, 0.3184, 0.3319

Deuteranopia

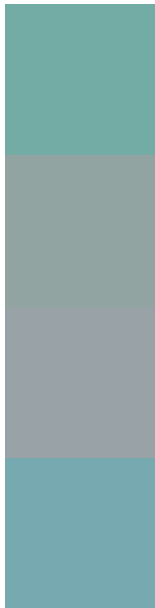
35.4883, 0.3184, 0.3122



Tritanopia

35.7168, 0.2612, 0.3075

Trichromacy



Original Color

35.8665, 0.2712, 0.3400

Protanomaly

35.2351, 0.2987, 0.3335

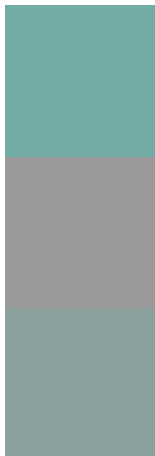
Deuteranomaly

35.3061, 0.2991, 0.3216

Tritanomaly

35.7356, 0.2654, 0.3196

Monochromacy



Original Color

35.8665, 0.2712, 0.3400

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.5338, 0.2958, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8665, 0.2712, 0.3400 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(115, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 172, 165)  
}
```

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(115, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 35.8665, 0.2712, 0.3400 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(115, 172, 165) }
```

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

```
.border{ border-color:rgb(115, 172, 165) }
```

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

Here you see how a box with a 4 pixel rgb(115, 172, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(115, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8665, 0.2712, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 172, 165) }
```

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

```
.background{ background-color: rgb(115,  
172, 165) }
```

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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