

Converting Colors

$Yxy(35.6445, 0.2687, 0.3376)$

Have a look what the booklet for
Yxy(35.6445, 0.2687, 0.3376)
contains.

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Color

Yxy(35.7689, 0.2691, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	71ACA6
RGB	113, 172, 166
RGB Percent	44%, 67%, 65%
CMY	0.5570, 0.3255, 0.3490
CMYK	0.34, 0.00, 0.03, 0.33
HSL	174°, 26%, 56%
HSV	174°, 34%, 67%
XYZ	28.4439, 35.7689, 41.4873
YIQ	153.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

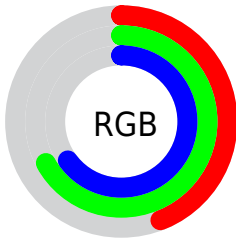
Format	Color
RYB	113, 144, 172
Decimal	7449766
CIELab	66.34, -20.49, -3.02
CIElCh	66, 20.707, 188.394
Yxy	35.7689, 0.2691, 0.3384
Android (android.graphics.Color)	4285639846 (0xFF71ACA6)
YUV	153.6750, 6.0762, -35.6720
Hunter-Lab	59.8071, -19.7690, 0.7364

Details

The Yxy color **35.7689, 0.2691, 0.3384** is a light color, and the websafe version is hex **669999**. A complement of this color would be **21.9075, 0.3835, 0.3201**, and the grayscale version is **32.1476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9228, 0.2776, 0.3372**, and **15.4007, 0.2555, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **34.6722, 0.2589, 0.3416**, and if you desaturate by 10%, it is **37.0856, 0.2807, 0.3354**.

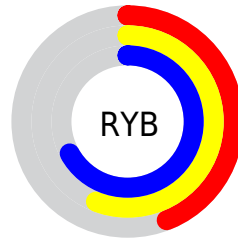
Distribution



Red (44%)

Green (67%)

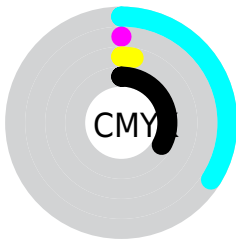
Blue (65%)



Red (44%)

Yellow (56%)

Blue (67%)

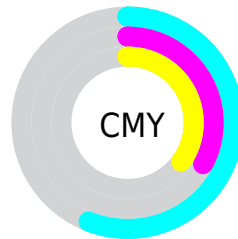


Cyan (34%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7689, 0.2691, 0.3384 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 35.7689, 0.2691, 0.3384 by changing the saturation by 10% instead.


 35.7689, 0.2691,
0.3384

 35.7689, 0.2691,
0.3384


327.9493, 0.2917,
0.3337


 24.2558, 0.2632,
0.3395


 68.6752, 0.2775,
0.3367

 15.5235, 0.2555,
0.3410


 90.8372, 0.2806,
0.3361

 9.1876, 0.2450,
0.3429


 117.3176, 0.2832,
0.3355

 4.8637, 0.2297,
0.3455

148.5007, 0.2854,
0.3351

 2.1675, 0.2059,
0.3490

184.7711, 0.2873,
0.3347

 0.7022, 0.0907,
0.3805

226.5131, 0.2889,

 0.0000, 0.0000,

0.3343

0.0000

274.1110, 0.2904,
0.3340

■ 35.7689, 0.2691,
0.3384

■ 35.7689, 0.2691,
0.3384

■ 34.6722, 0.2589,
0.3416

■ 37.0856, 0.2807,
0.3354

■ 33.7788, 0.2503,
0.3449

■ 38.6291, 0.2933,
0.3326

■ 33.0768, 0.2434,
0.3483


■ 40.4116, 0.3067,
0.3300


■ 32.5511, 0.2384,
0.3517


■ 42.4428, 0.3207,
0.3277


■ 32.1842, 0.2352,
0.3552


■ 44.7320, 0.3349,
0.3256


 31.9552, 0.2338,
0.3586

 47.2880, 0.3492,
0.3237

 31.8588, 0.2335,
0.3605

 50.1192, 0.3634,
0.3221

 53.2337, 0.3772,
0.3207

 54.1338, 0.3795,
0.3190

Harmonies

Analogous

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



35.7689, 0.2949, 0.3667



35.7689, 0.2691, 0.3384



35.7689, 0.2551, 0.3088

Triad

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



35.7689, 0.2691, 0.3384



35.7689, 0.2967, 0.2806



35.7689, 0.3730, 0.3682

Complementary

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



35.7689, 0.2691, 0.3384



21.9075, 0.3835, 0.3201

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.



35.7689, 0.3740, 0.3441



35.7689, 0.2691, 0.3384



35.7689, 0.3288, 0.2952

Square

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



35.7689, 0.2691, 0.3384



35.7689, 0.2703, 0.2773



35.7689, 0.3576, 0.3179



35.7689, 0.3551, 0.3833

Rectangle

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



35.7689, 0.2691, 0.3384



35.7689, 0.2537, 0.2930



35.7689, 0.3576, 0.3179



35.7689, 0.3753, 0.3608

Sweetspot

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



35.7703, 0.2691, 0.3384



71.3580, 0.2988, 0.3315



34.6825, 0.3139, 0.4276



15.4144, 0.2970, 0.3319



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.



35.7703, 0.2691, 0.3384



63.3735, 0.2614, 0.3407



28.1027, 0.2602, 0.2918



9.0579, 0.2999, 0.3313



23.7108, 0.2334, 0.3602



0.6636, 0.2305, 0.3498

Inverse Universe

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



21.9075, 0.3835, 0.3201



34.4665, 0.4065, 0.3182



27.4602, 0.3802, 0.3632



8.0281, 0.3271, 0.3267



6.5621, 0.6259, 0.3222



0.1867, 0.5744, 0.2938

Previews

White Background



This preview shows how the Yxy color 35.7689, 0.2691, 0.3384 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 35.7689, 0.2691, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

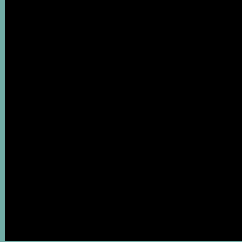
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7689, 0.2691, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 35.7689, 0.2691, 0.3384.

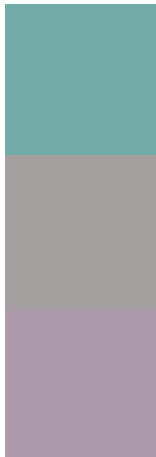


This preview shows how white text looks on a background with the Yxy color 35.7689, 0.2691, 0.3384.

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

35.7689, 0.2691, 0.3384

Protanopia

35.5373, 0.3175, 0.3305

Deuteranopia

35.4122, 0.3165, 0.3108



Tritanopia

35.5767, 0.2598, 0.3074

Trichromacy



Original Color

35.7689, 0.2691, 0.3384

Protanomaly

35.1793, 0.2970, 0.3320

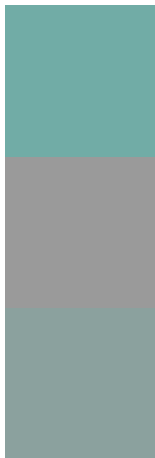
Deuteranomaly

35.2471, 0.2974, 0.3201

Tritanomaly

35.6368, 0.2633, 0.3180

Monochromacy



Original Color

35.7689, 0.2691, 0.3384

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.4473, 0.2949, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7689, 0.2691, 0.3384 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(113, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(113, 172, 166)  
}
```

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(113, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 172, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.7689, 0.2691, 0.3384 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(113, 172, 166) }
```

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

```
.border{ border-color:rgb(113, 172, 166) }
```

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

Here you see how a box with a 4 pixel rgb(113, 172, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(113, 172,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7689, 0.2691, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 172, 166) }
```

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

```
.background{ background-color: rgb(113,  
172, 166) }
```

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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