

Converting Colors

$Yxy(35.1451, 0.2790, 0.3481)$

Have a look what the booklet for
Yxy(35.1451, 0.2790, 0.3481)
contains.

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Color

Yxy(35.1400, 0.2789, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	77AA9E
RGB	119, 170, 158
RGB Percent	47%, 67%, 62%
CMY	0.5334, 0.3333, 0.3803
CMYK	0.30, 0.00, 0.07, 0.33
HSL	166°, 23%, 57%
HSV	166°, 30%, 67%
XYZ	28.1544, 35.1400, 37.6536
YIQ	153.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

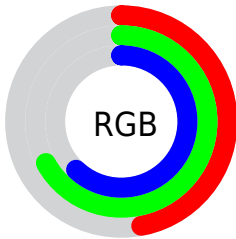
Format	Color
RYB	119, 148, 170
Decimal	7842462
CIELab	65.86, -19.53, 0.75
CIELCh	66, 19.546, 177.797
Yxy	35.1400, 0.2789, 0.3481
Android (android.graphics.Color)	4286032542 (0xFF77AA9E)
YUV	153.3830, 2.2762, -30.1539
Hunter-Lab	59.2790, -18.9602, 3.8347

Details

The Yxy color **35.1400, 0.2789, 0.3481** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3771, 0.3627, 0.3109**, and the grayscale version is **32.0299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5388, 0.2855, 0.3433**, and **15.2473, 0.2678, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **33.9089, 0.2694, 0.3556**, and if you desaturate by 10%, it is **36.5935, 0.2895, 0.3412**.

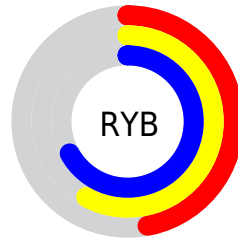
Distribution



Red (47%)

Green (67%)

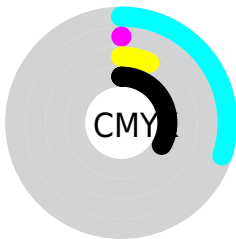
Blue (62%)



Red (47%)

Yellow (58%)

Blue (67%)

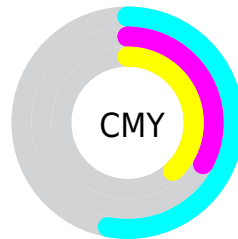


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (53%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1400, 0.2789, 0.3481 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 35.1400, 0.2789, 0.3481 by changing the saturation by 10% instead.


 35.1400, 0.2789,
0.3481

 35.1400, 0.2789,
0.3481


325.1859, 0.2966,
0.3381


 23.7707, 0.2742,
0.3508


 67.7026, 0.2855,
0.3443

 15.1636, 0.2680,
0.3543


 89.6647, 0.2879,
0.3430

 8.9343, 0.2595,
0.3592


 115.9266, 0.2900,
0.3418

 4.6984, 0.2470,
0.3664

146.8726, 0.2917,
0.3408

 2.0714, 0.2268,
0.3781

182.8871, 0.2932,
0.3400

 0.6485, 0.0968,
0.4498

224.3546, 0.2945,

 0.0000, 0.0000,

0.3393

0.0000

271.6594, 0.2956,
0.3386

■ 35.1400, 0.2789,
0.3481

■ 35.1400, 0.2789,
0.3481

■ 33.9089, 0.2694,
0.3556

■ 36.5935, 0.2895,
0.3412

■ 32.8846, 0.2611,
0.3634

■ 38.2759, 0.3009,
0.3348

■ 32.0557, 0.2545,
0.3717


■ 40.1986, 0.3127,
0.3290

■ 31.4084, 0.2497,
0.3802


■ 42.3708, 0.3248,
0.3238

■ 30.9268, 0.2467,
0.3888

■ 44.8015, 0.3370,
0.3191

 30.5923, 0.2457,
0.3974

 47.4991, 0.3491,
0.3150

 30.3638, 0.2461,
0.4059

 50.4717, 0.3609,
0.3114

 53.7268, 0.3724,
0.3083

 53.9044, 0.3687,
0.3041

Harmonies

Analogous

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



35.1400, 0.3062, 0.3720



35.1400, 0.2789, 0.3481



35.1400, 0.2611, 0.3194

Triad

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



35.1400, 0.2789, 0.3481



35.1400, 0.2877, 0.2804



35.1400, 0.3722, 0.3589

Complementary

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



35.1400, 0.2789, 0.3481



23.3771, 0.3627, 0.3109

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.



35.1400, 0.3671, 0.3346



35.1400, 0.2789, 0.3481



35.1400, 0.3171, 0.2908

Square

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



35.1400, 0.2789, 0.3481



35.1400, 0.2660, 0.2816



35.1400, 0.3466, 0.3102



35.1400, 0.3606, 0.3769

Rectangle

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



35.1400, 0.2789, 0.3481



35.1400, 0.2564, 0.3023



35.1400, 0.3466, 0.3102



35.1400, 0.3725, 0.3512

Sweetspot

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



35.1414, 0.2789, 0.3481



69.7212, 0.3018, 0.3343



34.9676, 0.3201, 0.4118



15.4444, 0.3002, 0.3352



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.



35.1414, 0.2789, 0.3481



62.2280, 0.2724, 0.3530



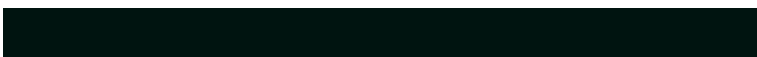
31.0230, 0.2681, 0.3084



8.5015, 0.3017, 0.3344



22.3440, 0.2458, 0.4050



0.5508, 0.2380, 0.3768

Inverse Universe

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



23.3771, 0.3627, 0.3109



37.4116, 0.3785, 0.3067



26.3122, 0.3726, 0.3486



7.5701, 0.3250, 0.3237



6.4065, 0.5936, 0.3043



0.1635, 0.5057, 0.2560

Previews

White Background



This preview shows how the Yxy color 35.1400, 0.2789, 0.3481 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 35.1400, 0.2789, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

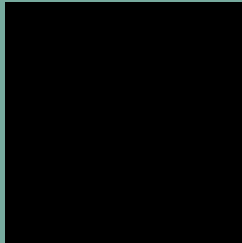
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1400, 0.2789, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 35.1400, 0.2789, 0.3481.

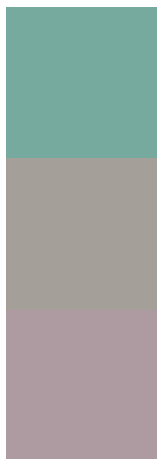


This preview shows how white text looks on a background with the Yxy color 35.1400, 0.2789, 0.3481.

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

35.1400, 0.2789, 0.3481

Protanopia

34.9558, 0.3240, 0.3393

Deuteranopia

34.6831, 0.3262, 0.3192



Tritanopia

35.2178, 0.2665, 0.3090

Trichromacy



Original Color

35.1400, 0.2789, 0.3481

Protanomaly

34.8234, 0.3065, 0.3427

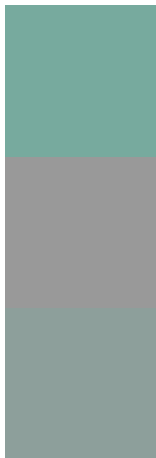
Deuteranomaly

34.5497, 0.3070, 0.3290

Tritanomaly

35.1214, 0.2708, 0.3227

Monochromacy



Original Color

35.1400, 0.2789, 0.3481

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.8256, 0.2992, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1400, 0.2789, 0.3481 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(119, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(119, 170, 158)  
}
```

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(119, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 170, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.1400, 0.2789, 0.3481 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(119, 170, 158) }
```

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

```
.border{ border-color:rgb(119, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 170, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 170, 158); box-shadow:4px 4px 4px 4px rgb(119, 170, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1400, 0.2789, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 170, 158) }
```

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

```
.background{ background-color: rgb(119,  
170, 158) }
```

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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