

Converting Colors

$Y_{xy}(35.3597, 0.2778, 0.3519)$

Have a look what the booklet for
Yxy(35.3597, 0.2778, 0.3519)
contains.

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Color

Yxy(35.2731, 0.2775, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	74AB9D
RGB	116, 171, 157
RGB Percent	45%, 67%, 62%
CMY	0.5452, 0.3294, 0.3844
CMYK	0.32, 0.00, 0.08, 0.33
HSL	165°, 25%, 56%
HSV	165°, 32%, 67%
XYZ	27.8472, 35.2731, 37.2299
YIQ	152.9590, -28.2860, -16.0140

Conversions

Conversions Part 2

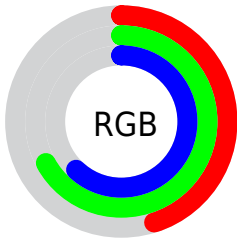
Format	Color
RYB	116, 148, 171
Decimal	7646109
CIELab	65.96, -21.19, 1.46
CIElCh	66, 21.243, 176.065
Yxy	35.2731, 0.2775, 0.3515
Android (android.graphics.Color)	4285836189 (0xFF74AB9D)
YUV	152.9590, 1.9922, -32.4130
Hunter-Lab	59.3912, -20.2399, 4.4073

Details

The Yxy color **35.2731, 0.2775, 0.3515** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.7560, 0.3662, 0.3079**, and the grayscale version is **31.8347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1874, 0.2849, 0.3482**, and **15.3581, 0.2662, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **34.0625, 0.2684, 0.3597**, and if you desaturate by 10%, it is **36.7075, 0.2877, 0.3438**.

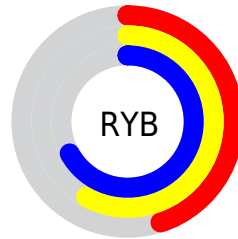
Distribution



Red (45%)

Green (67%)

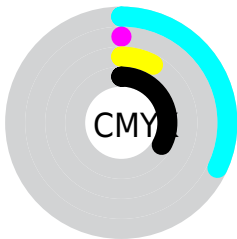
Blue (62%)



Red (45%)

Yellow (58%)

Blue (67%)

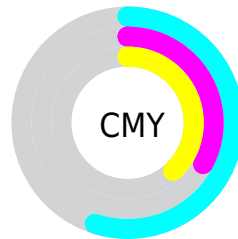


Cyan (32%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (55%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2731, 0.2775, 0.3515 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 35.2731, 0.2775, 0.3515 by changing the saturation by 10% instead.

 35.2731, 0.2775,
0.3515


 35.2731, 0.2775,
0.3515


325.7721, 0.2959,
0.3397


 23.8733, 0.2726,
0.3547


 67.9086, 0.2844,
0.3470

 15.2397, 0.2662,
0.3589


 89.9132, 0.2869,
0.3454

 8.9878, 0.2573,
0.3647


 116.2214, 0.2890,
0.3441

 4.7332, 0.2442,
0.3734

147.2178, 0.2908,
0.3429

 2.0916, 0.2231,
0.3875

183.2866, 0.2924,
0.3419

 0.6599, 0.0792,
0.4760

224.8124, 0.2937,

 0.0000, 0.0000,

0.3411

0.0000

272.1794, 0.2949,
0.3403

■ 35.2731, 0.2775,
0.3515

■ 35.2731, 0.2775,
0.3515

■ 34.0625, 0.2684,
0.3597

■ 36.7075, 0.2877,
0.3438

■ 33.0597, 0.2607,
0.3685

■ 38.3726, 0.2986,
0.3368

■ 32.2529, 0.2546,
0.3775

■ 40.2799, 0.3102,
0.3303

■ 31.6276, 0.2503,
0.3869

■ 42.4391, 0.3220,
0.3245

■ 31.1672, 0.2480,
0.3963

■ 44.8594, 0.3338,
0.3193

■ 30.8519, 0.2475,
0.4057

■ 47.5494, 0.3456,
0.3148

■ 30.6727, 0.2481,
0.4130

■ 50.5172, 0.3572,
0.3107

■ 53.7709, 0.3685,
0.3072

■ 54.3848, 0.3664,
0.3029

Harmonies

Analogous

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



35.2731, 0.3074, 0.3770



35.2731, 0.2775, 0.3515



35.2731, 0.2576, 0.3201

Triad

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



35.2731, 0.2775, 0.3515



35.2731, 0.2839, 0.2762



35.2731, 0.3776, 0.3598

Complementary

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



35.2731, 0.2775, 0.3515



22.7560, 0.3662, 0.3079

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.



35.2731, 0.3710, 0.3333



35.2731, 0.2775, 0.3515



35.2731, 0.3155, 0.2868

Square

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



35.2731, 0.2775, 0.3515



35.2731, 0.2612, 0.2782



35.2731, 0.3478, 0.3072



35.2731, 0.3657, 0.3801

Rectangle

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



35.2731, 0.2775, 0.3515



35.2731, 0.2520, 0.3013



35.2731, 0.3478, 0.3072



35.2731, 0.3775, 0.3513

Sweetspot

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



35.2745, 0.2775, 0.3515



69.3641, 0.3009, 0.3354



35.1874, 0.3213, 0.4184



15.3695, 0.2994, 0.3363



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.



35.2745, 0.2775, 0.3515



61.5016, 0.2706, 0.3576



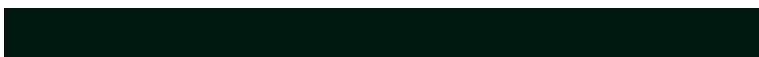
31.1632, 0.2651, 0.3082



9.0367, 0.3019, 0.3348



23.1286, 0.2478, 0.4121



0.6516, 0.2400, 0.3838

Inverse Universe

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



22.7560, 0.3662, 0.3079



35.3731, 0.3844, 0.3028



25.5718, 0.3787, 0.3487



8.0476, 0.3248, 0.3232



6.6690, 0.5876, 0.3011



0.1944, 0.5030, 0.2545

Previews

White Background



This preview shows how the Yxy color 35.2731, 0.2775, 0.3515 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 35.2731, 0.2775, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

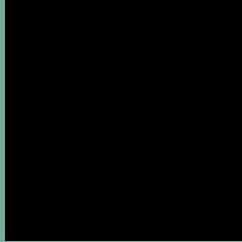
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2731, 0.2775, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 35.2731, 0.2775, 0.3515.

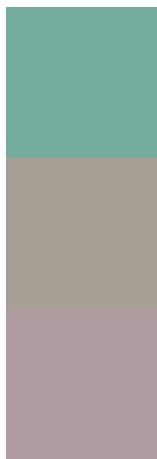


This preview shows how white text looks on a background with the Yxy color 35.2731, 0.2775, 0.3515.

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

35.2731, 0.2775, 0.3515

Protanopia

34.9976, 0.3268, 0.3422

Deuteranopia

35.0947, 0.3280, 0.3220



Tritanopia

35.0386, 0.2636, 0.3074

Trichromacy



Original Color

35.2731, 0.2775, 0.3515

Protanomaly

34.6973, 0.3064, 0.3443

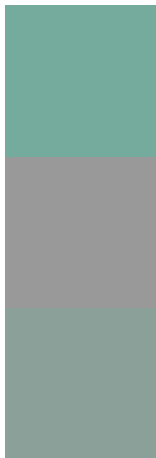
Deuteranomaly

34.8630, 0.3078, 0.3320

Tritanomaly

34.9058, 0.2686, 0.3226

Monochromacy



Original Color

35.2731, 0.2775, 0.3515

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.0502, 0.2991, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2731, 0.2775, 0.3515 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(116, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(116, 171, 157)  
}
```

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(116, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 171, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.2731, 0.2775, 0.3515 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(116, 171, 157) }
```

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

```
.border{ border-color:rgb(116, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 171, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 171, 157); box-shadow:4px 4px 4px 4px rgb(116, 171, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2731, 0.2775, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 171, 157) }
```

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

```
.background{ background-color: rgb(116,  
171, 157) }
```

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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