

Converting Colors

$Y_{xy}(35.6643, 0.2947, 0.3275)$

Have a look what the booklet for
Yxy(35.6643, 0.2947, 0.3275)
contains.

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Color

Yxy(35.7744, 0.2947, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	92A5A6
RGB	146, 165, 166
RGB Percent	57%, 65%, 65%
CMY	0.4274, 0.3529, 0.3491
CMYK	0.12, 0.01, 0.00, 0.35
HSL	183°, 10%, 61%
HSV	183°, 12%, 65%
XYZ	32.1915, 35.7744, 41.2689
YIQ	159.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

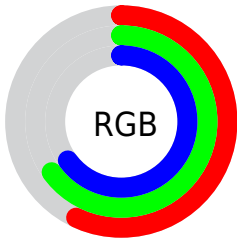
Format	Color
R_{YB}	146, 156, 166
Decimal	9610662
CIE Lab	66.35, -6.42, -2.76
CIE LCh	66, 6.985, 203.278
Yxy	35.7744, 0.2947, 0.3275
Android (android.graphics.Color)	4287800742 (0xFF92A5A6)
YUV	159.4330, 3.2375, -11.7807
Hunter-Lab	59.8117, -8.5993, 0.9592

Details

The Yxy color **35.7744, 0.2947, 0.3275** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0405, 0.3337, 0.3305**, and the grayscale version is **34.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6862, 0.2981, 0.3278**, and **15.4581, 0.2888, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **34.0749, 0.2805, 0.3261**, and if you desaturate by 10%, it is **37.6995, 0.3096, 0.3288**.

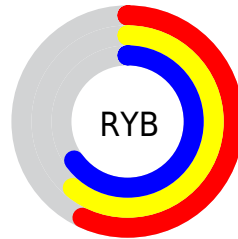
Distribution



Red (57%)

Green (65%)

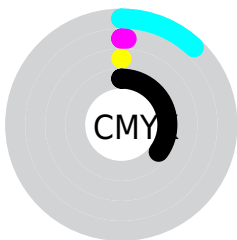
Blue (65%)



Red (57%)

Yellow (61%)

Blue (65%)

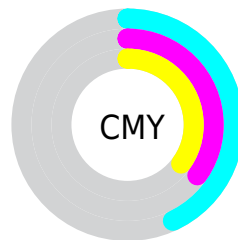


Cyan (12%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (43%)

Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7744, 0.2947, 0.3275 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 35.7744, 0.2947, 0.3275 by changing the saturation by 10% instead.


 35.7744, 0.2947,
0.3275


 35.7744, 0.2947,
0.3275


327.9734, 0.3041,
0.3284

 24.2600, 0.2922,
0.3273


 68.6837, 0.2982,
0.3278

 15.5266, 0.2890,
0.3269


 90.8474, 0.2995,
0.3280

 9.1898, 0.2845,
0.3264


117.3297, 0.3006,
0.3280

 4.8652, 0.2780,
0.3257

148.5150, 0.3015,
0.3281

 2.1684, 0.2676,
0.3243

184.7876, 0.3023,
0.3282

 0.7027, 0.2354,
0.3235

226.5319, 0.3029,

 0.0000, 0.0000,

0.3283

0.0000

274.1324, 0.3035,
0.3283

■ 35.7744, 0.2947,
0.3275

■ 35.7744, 0.2947,
0.3275

■ 34.0749, 0.2805,
0.3261

■ 37.6995, 0.3096,
0.3288

■ 32.5871, 0.2674,
0.3247

■ 39.8547, 0.3250,
0.3299

■ 31.3023, 0.2556,
0.3232

■ 42.2498, 0.3407,
0.3309

■ 30.2095, 0.2453,
0.3216

■ 44.8928, 0.3563,
0.3319

■ 29.2966, 0.2368,
0.3200

■ 47.7914, 0.3716,
0.3327

■ 28.5503, 0.2301,
0.3184

■ 50.9529, 0.3866,
0.3334

■ 27.9552, 0.2252,
0.3168

■ 52.9944, 0.3948,
0.3341

■ 27.4931, 0.2222,
0.3152

■ 53.2975, 0.3945,
0.3350

■ 27.1868, 0.2206,
0.3140

■ 53.6025, 0.3942,
0.3358

Harmonies

Analogous

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



35.7744, 0.3020, 0.3372



35.7744, 0.2947, 0.3275



35.7744, 0.2921, 0.3185

Triad

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



35.7744, 0.2947, 0.3275



35.7744, 0.3129, 0.3141



35.7744, 0.3307, 0.3455

Complementary

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



35.7744, 0.2947, 0.3275



31.0405, 0.3337, 0.3305

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.



35.7744, 0.3338, 0.3390



35.7744, 0.2947, 0.3275



35.7744, 0.3234, 0.3210

Square

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



35.7744, 0.2947, 0.3275



35.7744, 0.3025, 0.3109



35.7744, 0.3311, 0.3301



35.7744, 0.3228, 0.3477

Rectangle

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



35.7744, 0.2947, 0.3275



35.7744, 0.2934, 0.3140



35.7744, 0.3311, 0.3301



35.7744, 0.3323, 0.3438

Sweetspot

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



35.7759, 0.2947, 0.3275



67.6997, 0.3065, 0.3285



35.4698, 0.3107, 0.3587



15.0909, 0.3054, 0.3284



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7759, 0.2947, 0.3275



64.2318, 0.2915, 0.3272



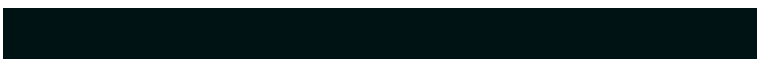
32.4159, 0.2944, 0.3128



8.4690, 0.2987, 0.3279



21.1111, 0.2206, 0.3141



0.5318, 0.2220, 0.3193

Inverse Universe

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



31.3828, 0.3150, 0.3015



54.9230, 0.3154, 0.2962



34.1773, 0.3319, 0.3447



7.6603, 0.3145, 0.3078



8.2022, 0.3332, 0.1609



0.2014, 0.3288, 0.1585

Previews

White Background



This preview shows how the Yxy color 35.7744, 0.2947, 0.3275 looks on a white background.

Color Contrast Check

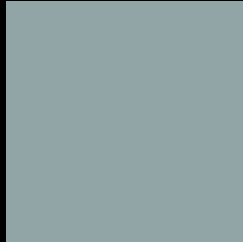
Large Text (above 18pt) WCAG AA × Fail

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 35.7744, 0.2947, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

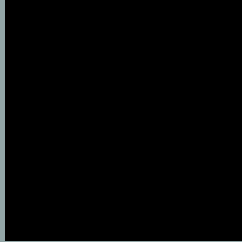
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

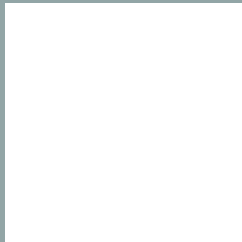
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7744, 0.2947, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 35.7744, 0.2947, 0.3275.



This preview shows how white text looks on a background with the Yxy color 35.7744, 0.2947, 0.3275.

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

35.7744, 0.2947, 0.3275

Protanopia

35.5725, 0.3129, 0.3247

Deuteranopia

35.6028, 0.3194, 0.3123



Tritanopia

35.6249, 0.2883, 0.3098

Trichromacy



Original Color

35.7744, 0.2947, 0.3275

Protanomaly

35.6891, 0.3063, 0.3261

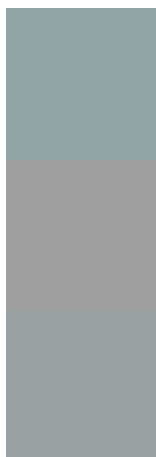
Deuteranomaly

35.4788, 0.3104, 0.3175

Tritanomaly

35.7325, 0.2907, 0.3171

Monochromacy



Original Color

35.7744, 0.2947, 0.3275

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9684, 0.3052, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7744, 0.2947, 0.3275 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(146, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(146, 165, 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(146, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.7744, 0.2947, 0.3275 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(146, 165, 166) }
```

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

```
.border{ border-color:rgb(146, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(146, 165,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7744, 0.2947, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 165, 166) }
```

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

```
.background{ background-color: rgb(146,  
165, 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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