

Converting Colors

$Y_{xy}(35.9981, 0.2725, 0.3208)$

Have a look what the booklet for
Yxy(35.9981, 0.2725, 0.3208)
contains.

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Color

Yxy(35.9067, 0.2718, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	7EA9AF
RGB	126, 169, 175
RGB Percent	49%, 66%, 69%
CMY	0.5060, 0.3372, 0.3137
CMYK	0.28, 0.03, 0.00, 0.31
HSL	187°, 23%, 59%
HSV	187°, 28%, 69%
XYZ	30.5269, 35.9067, 45.8802
YIQ	156.8270, -27.5540, -7.2500

Conversions

Conversions Part 2

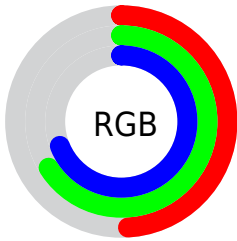
Format	Color
RYB	126, 149, 175
Decimal	8300975
CIELab	66.45, -12.97, -7.79
CIElCh	66, 15.127, 210.986
Yxy	35.9067, 0.2718, 0.3197
Android (android.graphics.Color)	4286491055 (0xFF7EA9AF)
YUV	156.8270, 8.9593, -27.0353
Hunter-Lab	59.9222, -13.9285, -3.4506

Details

The Yxy color **35.9067, 0.2718, 0.3197** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1133, 0.3702, 0.3381**, and the grayscale version is **33.6017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7278, 0.2800, 0.3220**, and **15.6485, 0.2590, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **33.9029, 0.2588, 0.3159**, and if you desaturate by 10%, it is **38.1592, 0.2858, 0.3233**.

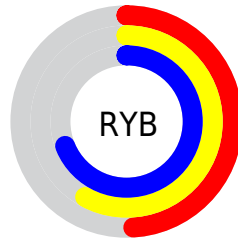
Distribution



Red (49%)

Green (66%)

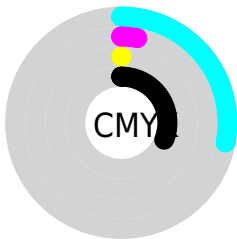
Blue (69%)



Red (49%)

Yellow (58%)

Blue (69%)

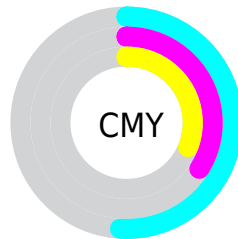


Cyan (28%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9067, 0.2718, 0.3197 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 35.9067, 0.2718, 0.3197 by changing the saturation by 10% instead.

■ 35.9067, 0.2718,
0.3197

■ 35.9067, 0.2718,
0.3197

■ 328.5526, 0.2929,
0.3249

■ 24.3621, 0.2663,
0.3182

■ 68.8880, 0.2796,
0.3217

■ 15.6025, 0.2592,
0.3162

■ 91.0936, 0.2825,
0.3224

■ 9.2433, 0.2495,
0.3134

■ 117.6216, 0.2849,
0.3230

■ 4.9002, 0.2355,
0.3089

■ 148.8565, 0.2870,
0.3235

■ 2.1888, 0.2138,
0.3012

■ 185.1827, 0.2888,
0.3239

■ 0.7139, 0.1481,
0.2921

■ 226.9845, 0.2903,

■ 0.0000, 0.0000,

0.3243

0.0000

274.6463, 0.2917,
0.3246

■ 35.9067, 0.2718,
0.3197

■ 35.9067, 0.2718,
0.3197

■ 33.9029, 0.2588,
0.3159

■ 38.1592, 0.2858,
0.3233

■ 32.1311, 0.2471,
0.3119

■ 40.6672, 0.3006,
0.3266

■ 30.5797, 0.2370,
0.3078

■ 43.4428, 0.3158,
0.3296

■ 29.2338, 0.2286,
0.3036

■ 46.4960, 0.3311,
0.3323

■ 28.0768, 0.2221,
0.2994

■ 49.8363, 0.3465,
0.3348

■ 27.0895, 0.2175,
0.2951

■ 53.4724, 0.3615,
0.3369

■ 26.2400, 0.2145,
0.2910

■ 57.4131, 0.3763,
0.3388

■ 26.0778, 0.2139,
0.2901

■ 59.5253, 0.3812,
0.3409

■ 60.4343, 0.3805,
0.3431

Harmonies

Analogous

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



35.9067, 0.2848, 0.3414



35.9067, 0.2718, 0.3197



35.9067, 0.2693, 0.3017

Triad

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



35.9067, 0.2718, 0.3197



35.9067, 0.3188, 0.3006



35.9067, 0.3480, 0.3669

Complementary

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



35.9067, 0.2718, 0.3197



27.1133, 0.3702, 0.3381

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.



35.9067, 0.3580, 0.3543



35.9067, 0.2718, 0.3197



35.9067, 0.3408, 0.3165

Square

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



35.9067, 0.2718, 0.3197



35.9067, 0.2958, 0.2916



35.9067, 0.3554, 0.3358



35.9067, 0.3286, 0.3695

Rectangle

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



35.9067, 0.2718, 0.3197



35.9067, 0.2739, 0.2940



35.9067, 0.3554, 0.3358



35.9067, 0.3526, 0.3636

Sweetspot

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



35.9081, 0.2718, 0.3197



72.7734, 0.3004, 0.3265



36.7522, 0.3046, 0.3988



16.0198, 0.2982, 0.3260



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.9081, 0.2718, 0.3197



61.8999, 0.2631, 0.3172



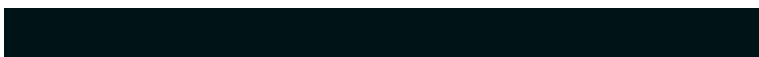
27.7085, 0.2679, 0.2809



8.9024, 0.2986, 0.3262



18.7348, 0.2141, 0.2906



0.5671, 0.2176, 0.3033

Inverse Universe

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



26.8938, 0.3223, 0.2683



43.1042, 0.3250, 0.2541



34.4667, 0.3609, 0.3728



8.1310, 0.3155, 0.3093



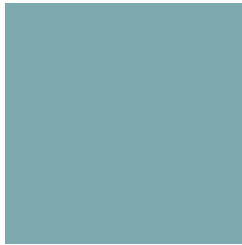
8.1943, 0.3538, 0.1723



0.2326, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 35.9067, 0.2718, 0.3197 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 35.9067, 0.2718, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

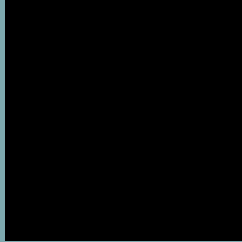
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9067, 0.2718, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 35.9067, 0.2718, 0.3197.



This preview shows how white text looks on a background with the Yxy color 35.9067, 0.2718, 0.3197.

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

35.9067, 0.2718, 0.3197

Protanopia

35.6210, 0.3049, 0.3146

Deuteranopia

35.7633, 0.3055, 0.2997



Tritanopia

35.8535, 0.2682, 0.3092

Trichromacy



Original Color

35.9067, 0.2718, 0.3197

Protanomaly

35.4688, 0.2915, 0.3156

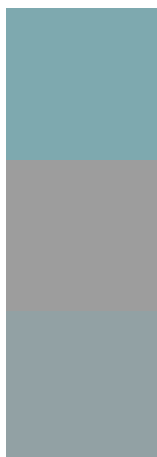
Deuteranomaly

35.4364, 0.2918, 0.3057

Tritanomaly

35.7720, 0.2696, 0.3122

Monochromacy



Original Color

35.9067, 0.2718, 0.3197

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2811, 0.2962, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9067, 0.2718, 0.3197 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(126, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 175)  
}
```

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(126, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 175) }
```

Border

The CSS property to change the border of an element to Yxy 35.9067, 0.2718, 0.3197 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(126, 169, 175) }
```

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

```
.border{ border-color:rgb(126, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 169, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 169, 175); box-shadow:4px 4px 4px 4px rgb(126, 169, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9067, 0.2718, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 175) }
```

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

```
.background{ background-color: rgb(126,  
169, 175) }
```

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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