

Converting Colors

$Y_{xy}(35.9608, 0.2803, 0.3068)$

Have a look what the booklet for
Yxy(35.9608, 0.2803, 0.3068)
contains.

Yxy(35.9563, 0.2803, 0.3068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.9563, 0.2803, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	8EA5B4
RGB	142, 165, 180
RGB Percent	56%, 65%, 71%
CMY	0.4431, 0.3529, 0.2941
CMYK	0.21, 0.08, 0.00, 0.29
HSL	204°, 20%, 63%
HSV	204°, 21%, 71%
XYZ	32.8506, 35.9563, 48.3910
YIQ	159.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

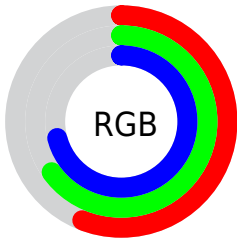
Format	Color
RYB	142, 156, 180
Decimal	9348532
CIELab	66.49, -4.65, -10.41
CIElCh	66, 11.402, 245.905
Yxy	35.9563, 0.2803, 0.3068
Android (android.graphics.Color)	4287538612 (0xFF8EA5B4)
YUV	159.8330, 9.9423, -15.6395
Hunter-Lab	59.9636, -7.1465, -5.8729

Details

The Yxy color **35.9563, 0.2803, 0.3068** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7779, 0.3501, 0.3502**, and the grayscale version is **35.0345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9783, 0.2863, 0.3110**, and **15.5667, 0.2704, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **31.9979, 0.2648, 0.2946**, and if you desaturate by 10%, it is **40.3174, 0.2958, 0.3179**.

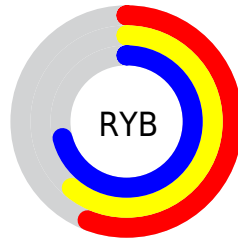
Distribution



Red (56%)

Green (65%)

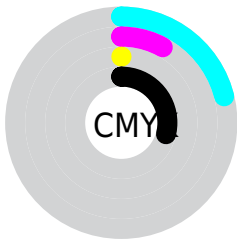
Blue (71%)



Red (56%)

Yellow (61%)

Blue (71%)

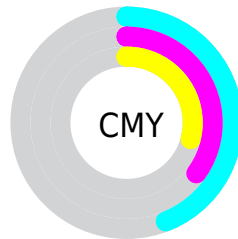


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9563, 0.2803, 0.3068 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 35.9563, 0.2803, 0.3068 by changing the saturation by 10% instead.

■ 35.9563, 0.2803,
0.3068

■ 35.9563, 0.2803,
0.3068

■ 328.7695, 0.2971,
0.3185

■ 24.4004, 0.2759,
0.3037

■ 68.9646, 0.2865,
0.3112

■ 15.6309, 0.2702,
0.2996

■ 91.1859, 0.2888,
0.3128

■ 9.2634, 0.2625,
0.2939

■ 117.7310, 0.2907,
0.3141

■ 4.9134, 0.2512,
0.2856

■ 148.9845, 0.2924,
0.3153

■ 2.1965, 0.2337,
0.2721

■ 185.3307, 0.2938,
0.3162

■ 0.7181, 0.1958,
0.2471

■ 227.1540, 0.2950,

■ 0.0000, 0.0000,

0.3171

0.0000

274.8388, 0.2961,
0.3178

■ 35.9563, 0.2803,
0.3068

■ 35.9563, 0.2803,
0.3068

■ 31.9979, 0.2648,
0.2946

■ 40.3174, 0.2958,
0.3179

■ 28.4231, 0.2497,
0.2815

■ 45.0904, 0.3111,
0.3280

■ 25.2178, 0.2353,
0.2675

■ 50.2899, 0.3259,
0.3369

■ 22.3649, 0.2221,
0.2528

■ 55.9282, 0.3401,
0.3449

■ 19.8456, 0.2104,
0.2377

■ 62.0171, 0.3536,
0.3520

■ 17.6390, 0.2005,
0.2225

■ 68.5678, 0.3664,
0.3582

■ 15.7203, 0.1928,
0.2075

■ 73.0380, 0.3683,
0.3649

■ 14.2133, 0.1873,
0.1944

■ 76.7328, 0.3663,
0.3719

■ 80.5868, 0.3643,
0.3788

Harmonies

Analogous

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



35.9563, 0.2808, 0.3197



35.9563, 0.2803, 0.3068



35.9563, 0.2882, 0.3002

Triad

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



35.9563, 0.2803, 0.3068



35.9563, 0.3362, 0.3219



35.9563, 0.3220, 0.3587

Complementary

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



35.9563, 0.2803, 0.3068



35.7779, 0.3501, 0.3502

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.



35.9563, 0.3374, 0.3585



35.9563, 0.2803, 0.3068



35.9563, 0.3458, 0.3368

Square

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



35.9563, 0.2803, 0.3068



35.9563, 0.3203, 0.3091



35.9563, 0.3461, 0.3502



35.9563, 0.3045, 0.3503

Rectangle

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



35.9563, 0.2803, 0.3068



35.9563, 0.2973, 0.3000



35.9563, 0.3461, 0.3502



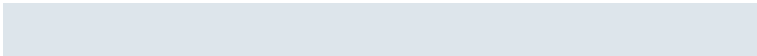
35.9563, 0.3276, 0.3596

Sweetspot

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



35.9578, 0.2803, 0.3068



77.3336, 0.3035, 0.3231



40.8165, 0.2989, 0.3639



16.5957, 0.3025, 0.3224



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.9578, 0.2803, 0.3068



62.0043, 0.2736, 0.3017



29.7433, 0.2784, 0.2784



9.0569, 0.2986, 0.3198



10.0533, 0.1878, 0.1962



0.4262, 0.1993, 0.2374

Inverse Universe

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



31.7708, 0.3300, 0.2971



53.3502, 0.3344, 0.2903



42.5407, 0.3451, 0.3750



8.5887, 0.3196, 0.3153



7.5550, 0.4496, 0.2251



0.2488, 0.4050, 0.2005

Previews

White Background



This preview shows how the Yxy color 35.9563, 0.2803, 0.3068 looks on a white background.

Color Contrast Check

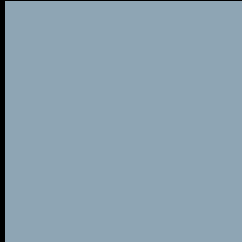
Large Text (above 18pt) WCAG AA × Fail

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 35.9563, 0.2803, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

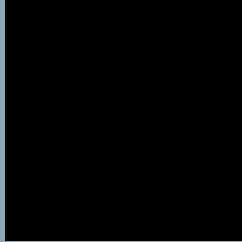
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

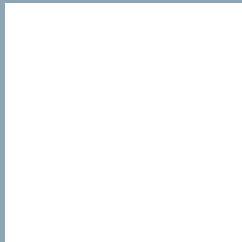
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9563, 0.2803, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 35.9563, 0.2803, 0.3068.



This preview shows how white text looks on a background with the Yxy color 35.9563, 0.2803, 0.3068.

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

35.9563, 0.2803, 0.3068

Protanopia

35.7895, 0.2980, 0.3047

Deuteranopia

35.8162, 0.3011, 0.2943



Tritanopia

35.8754, 0.2818, 0.3097

Trichromacy



Original Color

35.9563, 0.2803, 0.3068

Protanomaly

35.8273, 0.2910, 0.3058

Deuteranomaly

35.8487, 0.2938, 0.2991

Tritanomaly

35.9157, 0.2810, 0.3082

Monochromacy



Original Color

35.9563, 0.2803, 0.3068

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.4030, 0.3001, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9563, 0.2803, 0.3068 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(142, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(142, 165, 180)  
}
```

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(142, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 165, 180) }
```

Border

The CSS property to change the border of an element to Yxy 35.9563, 0.2803, 0.3068 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(142, 165, 180) }
```

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

```
.border{ border-color:rgb(142, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(142, 165,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9563, 0.2803, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 165, 180) }
```

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

```
.background{ background-color: rgb(142,  
165, 180) }
```

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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