

Converting Colors

$Yxy(30.2916, 0.2858, 0.3670)$

Have a look what the booklet for
Yxy(30.2916, 0.2858, 0.3670)
contains.

Yxy(30.2916, 0.2858, 0.3670)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.2916, 0.2858, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	6EA08A
RGB	110, 160, 138
RGB Percent	43%, 63%, 54%
CMY	0.5686, 0.3725, 0.4587
CMYK	0.31, 0.00, 0.14, 0.37
HSL	154°, 21%, 53%
HSV	154°, 31%, 63%
XYZ	23.5895, 30.2916, 28.6573
YIQ	142.5420, -22.7380, -17.4420

Conversions

Conversions Part 2

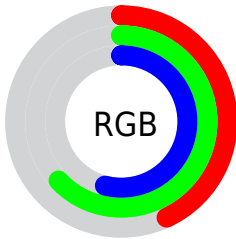
Format	Color
RYB	110, 142, 160
Decimal	7250058
CIELab	61.91, -21.58, 6.15
CIElCh	62, 22.439, 164.097
Yxy	30.2916, 0.2858, 0.3670
Android (android.graphics.Color)	4285440138 (0xFF6EA08A)
YUV	142.5420, -2.2392, -28.5393
Hunter-Lab	55.0378, -19.8102, 7.6551

Details

The Yxy color **30.2916, 0.2858, 0.3670** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2899, 0.3513, 0.2941**, and the grayscale version is **27.2929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1490, 0.2918, 0.3596**, and **12.3904, 0.2763, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **29.1604, 0.2785, 0.3816**, and if you desaturate by 10%, it is **31.6238, 0.2939, 0.3536**.

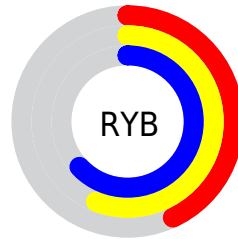
Distribution



Red (43%)

Green (63%)

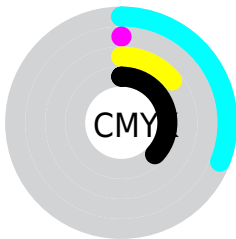
Blue (54%)



Red (43%)

Yellow (56%)

Blue (63%)

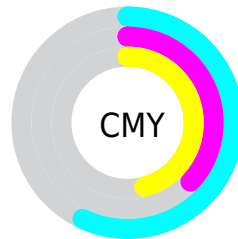


Cyan (31%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2916, 0.2858, 0.3670 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 30.2916, 0.2858, 0.3670 by changing the saturation by 10% instead.

■ 30.2916, 0.2858,
0.3670

■ 30.2916, 0.2858,
0.3670

■ 303.2613, 0.3004,
0.3462

■ 20.0600, 0.2817,
0.3729

■ 60.1230, 0.2914,
0.3589

■ 12.4387, 0.2761,
0.3810

■ 80.4917, 0.2935,
0.3560

■ 7.0432, 0.2681,
0.3928

■ 105.0081, 0.2951,
0.3537

■ 3.4891, 0.2556,
0.4114

■ 134.0568, 0.2965,
0.3517

■ 1.3921, 0.2324,
0.4457

■ 168.0220, 0.2977,
0.3500

■ 0.2109, 0.0000,
1.0000

■ 207.2883, 0.2988,

■ 0.0000, 0.0000,

0.3485

0.0000

252.2399, 0.2997,
0.3473

■ 30.2916, 0.2858,
0.3670

■ 30.2916, 0.2858,
0.3670

■ 29.1604, 0.2785,
0.3816

■ 31.6238, 0.2939,
0.3536

■ 28.2162, 0.2723,
0.3971

■ 33.1628, 0.3026,
0.3413

■ 27.4491, 0.2676,
0.4135

■ 34.9185, 0.3116,
0.3303

■ 26.8467, 0.2646,
0.4303


■ 36.8995, 0.3207,
0.3205


■ 26.3949, 0.2635,
0.4473


■ 39.1134, 0.3297,
0.3117

 26.0772, 0.2643,
0.4639

 41.5679, 0.3385,
0.3040

 25.8752, 0.2662,
0.4781

 44.2701, 0.3471,
0.2972

 47.2268, 0.3553,
0.2913

 50.4446, 0.3632,
0.2862

Harmonies

Analogous

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



30.2916, 0.3211, 0.3897



30.2916, 0.2858, 0.3670



30.2916, 0.2587, 0.3328

Triad

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



30.2916, 0.2858, 0.3670



30.2916, 0.2692, 0.2698



30.2916, 0.3845, 0.3514

Complementary

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



30.2916, 0.2858, 0.3670



20.2899, 0.3513, 0.2941

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.



30.2916, 0.3691, 0.3217



30.2916, 0.2858, 0.3670



30.2916, 0.3010, 0.2763

Square

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



30.2916, 0.2858, 0.3670



30.2916, 0.2497, 0.2776



30.2916, 0.3379, 0.2949



30.2916, 0.3791, 0.3777

Rectangle

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



30.2916, 0.2858, 0.3670



30.2916, 0.2484, 0.3100



30.2916, 0.3379, 0.2949



30.2916, 0.3816, 0.3416

Sweetspot

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



30.2928, 0.2858, 0.3670



60.8424, 0.3045, 0.3389



31.2140, 0.3302, 0.4126



13.2518, 0.3032, 0.3405



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.2928, 0.2858, 0.3670



53.4306, 0.2802, 0.3778



30.1370, 0.2685, 0.3247



7.4602, 0.3044, 0.3390



20.1647, 0.2657, 0.4767



0.3690, 0.2476, 0.4114

Inverse Universe

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



20.2899, 0.3513, 0.2941



32.1408, 0.3643, 0.2855



20.2976, 0.3803, 0.3333



6.6922, 0.3219, 0.3192



6.1780, 0.5167, 0.2620



0.1188, 0.4256, 0.2118

Previews

White Background



This preview shows how the Yxy color 30.2916, 0.2858, 0.3670 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 30.2916, 0.2858, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

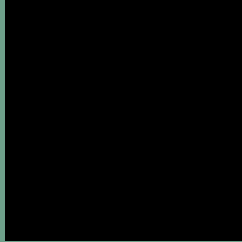
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2916, 0.2858, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 30.2916, 0.2858, 0.3670.



This preview shows how white text looks on a background with the Yxy color 30.2916, 0.2858, 0.3670.

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

30.2916, 0.2858, 0.3670

Protanopia

30.2288, 0.3367, 0.3556

Deuteranopia

29.9766, 0.3395, 0.3336



Tritanopia

30.3171, 0.2669, 0.3094

Trichromacy



Original Color

30.2916, 0.2858, 0.3670

Protanomaly

29.9927, 0.3163, 0.3601

Deuteranomaly

29.8171, 0.3181, 0.3450

Tritanomaly

30.1257, 0.2738, 0.3289

Monochromacy



Original Color

30.2916, 0.2858, 0.3670

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2433, 0.3020, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2916, 0.2858, 0.3670 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(110, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 160, 138)  
}
```

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(110, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 160, 138) }
```

Border

The CSS property to change the border of an element to Yxy 30.2916, 0.2858, 0.3670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

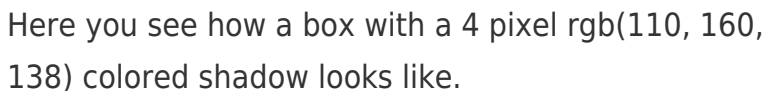
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 160, 138) }
```

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

```
.border{ border-color:rgb(110, 160, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 160, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 160, 138); box-shadow:4px 4px 4px 4px rgb(110, 160, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2916, 0.2858, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 160, 138) }
```

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

```
.background{ background-color: rgb(110,  
160, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor