

Converting Colors

$Yxy(30.4259, 0.2490, 0.2842)$

Have a look what the booklet for
Yxy(30.4259, 0.2490, 0.2842)
contains.

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Color

Yxy(30.3634, 0.2492, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	6B9CB8
RGB	107, 156, 184
RGB Percent	42%, 61%, 72%
CMY	0.5802, 0.3882, 0.2785
CMYK	0.42, 0.15, 0.00, 0.28
HSL	202°, 35%, 57%
HSV	202°, 42%, 72%
XYZ	26.6053, 30.3634, 49.7943
YIQ	144.5410, -38.1920, -1.6800

Conversions

Conversions Part 2

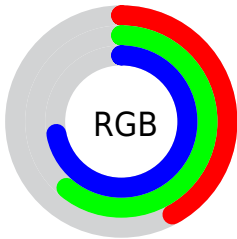
Format	Color
RYB	107, 137, 184
Decimal	7052472
CIELab	61.97, -8.99, -19.66
CIElCh	62, 21.620, 245.435
Yxy	30.3634, 0.2492, 0.2844
Android (android.graphics.Color)	4285242552 (0xFF6B9CB8)
YUV	144.5410, 19.4533, -32.9235
Hunter-Lab	55.1030, -10.2452, -15.0058

Details

The Yxy color **30.3634, 0.2492, 0.2844** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.5852, 0.4013, 0.3690**, and the grayscale version is **28.0547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9615, 0.2613, 0.2930**, and **12.5261, 0.2293, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **27.1582, 0.2352, 0.2715**, and if you desaturate by 10%, it is **33.9373, 0.2640, 0.2965**.

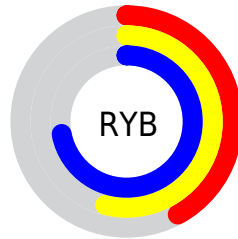
Distribution



Red (42%)

Green (61%)

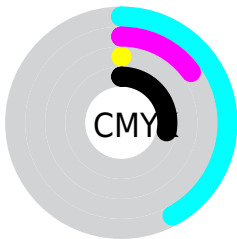
Blue (72%)



Red (42%)

Yellow (54%)

Blue (72%)

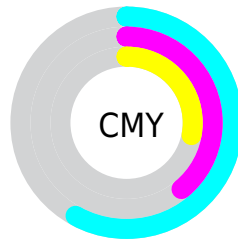


Cyan (42%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3634, 0.2492, 0.2844 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 30.3634, 0.2492, 0.2844 by changing the saturation by 10% instead.

■ 30.3634, 0.2492,
0.2844

■ 30.3634, 0.2492,
0.2844

■ 303.5947, 0.2824,
0.3085

■ 20.1146, 0.2405,
0.2778

■ 60.2364, 0.2616,
0.2936

■ 12.4784, 0.2290,
0.2690

■ 80.6294, 0.2662,
0.2969

■ 7.0703, 0.2135,
0.2566

■ 105.1725, 0.2700,
0.2997

■ 3.5061, 0.1912,
0.2383

■ 134.2502, 0.2732,
0.3020

■ 1.4013, 0.1572,
0.2087

■ 168.2469, 0.2760,
0.3040

■ 0.2177, 0.0000,
0.1097

■ 207.5470, 0.2784,

■ 0.0000, 0.0000,

0.3057

0.0000

252.5347, 0.2806,
0.3072

■ 30.3634, 0.2492,
0.2844

■ 30.3634, 0.2492,
0.2844

■ 27.1582, 0.2352,
0.2715

■ 33.9373, 0.2640,
0.2965

■ 24.3008, 0.2225,
0.2580

■ 37.8924, 0.2793,
0.3078

■ 21.7728, 0.2114,
0.2442

■ 42.2450, 0.2947,
0.3181

■ 19.5526, 0.2022,
0.2302

■ 47.0089, 0.3100,
0.3274

■ 17.6142, 0.1950,
0.2164

■ 52.1975, 0.3249,
0.3358

■ 16.1980, 0.1904,
0.2053

■ 57.8234, 0.3393,
0.3432

■ 63.8985, 0.3531,
0.3498

■ 70.4342, 0.3662,
0.3556

■ 73.9443, 0.3650,
0.3622

Harmonies

Analogous

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



30.3634, 0.2503, 0.3095



30.3634, 0.2492, 0.2844



30.3634, 0.2639, 0.2726

Triad

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



30.3634, 0.2492, 0.2844



30.3634, 0.3595, 0.3140



30.3634, 0.3309, 0.3903

Complementary

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



30.3634, 0.2492, 0.2844



28.5852, 0.4013, 0.3690

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.



30.3634, 0.3619, 0.3879



30.3634, 0.2492, 0.2844



30.3634, 0.3795, 0.3425

Square

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



30.3634, 0.2492, 0.2844



30.3634, 0.3268, 0.2899



30.3634, 0.3801, 0.3695



30.3634, 0.2962, 0.3734

Rectangle

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



30.3634, 0.2492, 0.2844



30.3634, 0.2813, 0.2727



30.3634, 0.3801, 0.3695



30.3634, 0.3422, 0.3916

Sweetspot

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



30.3646, 0.2492, 0.2844



75.4504, 0.2925, 0.3167



39.1215, 0.2887, 0.4106



15.8829, 0.2891, 0.3145



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.3646, 0.2492, 0.2844



49.7856, 0.2366, 0.2728



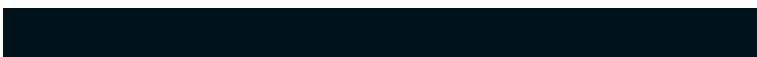
19.6830, 0.2390, 0.2212



9.6464, 0.2985, 0.3205



11.3043, 0.1908, 0.2070



0.5118, 0.2006, 0.2421

Inverse Universe

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



23.1124, 0.3509, 0.2614



35.8603, 0.3626, 0.2476



40.9229, 0.3800, 0.4174



9.1058, 0.3191, 0.3146



7.9235, 0.4374, 0.2183



0.2908, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 30.3634, 0.2492, 0.2844 looks on a white background.

Color Contrast Check

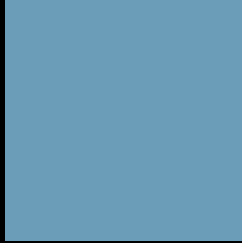
Large Text (above 18pt) WCAG AA × Fail

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 30.3634, 0.2492, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

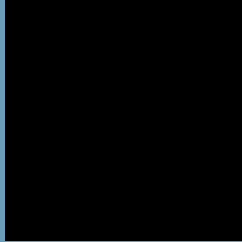
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

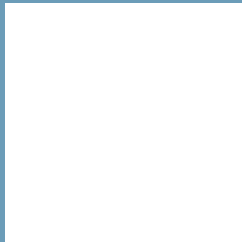
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.3634, 0.2492, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 30.3634, 0.2492, 0.2844.



This preview shows how white text looks on a background with the Yxy color 30.3634, 0.2492, 0.2844.

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

30.3634, 0.2492, 0.2844

Protanopia

30.2338, 0.2811, 0.2837

Deuteranopia

30.1227, 0.2762, 0.2700



Tritanopia

30.2776, 0.2556, 0.3074

Trichromacy



Original Color

30.3634, 0.2492, 0.2844

Protanomaly

30.1743, 0.2685, 0.2842

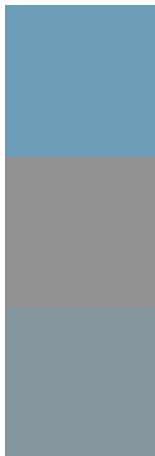
Deuteranomaly

30.1408, 0.2654, 0.2756

Tritanomaly

30.1916, 0.2526, 0.2979

Monochromacy



Original Color

30.3634, 0.2492, 0.2844

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.8234, 0.2861, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3634, 0.2492, 0.2844 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(107, 156, 184)` looks like.

```
.text, #text, p{  
    color:rgb(107, 156, 184)  
}
```

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(107, 156, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 156, 184) }
```

Border

The CSS property to change the border of an element to Yxy 30.3634, 0.2492, 0.2844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

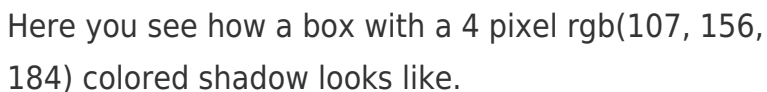
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 156, 184) }
```

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

```
.border{ border-color:rgb(107, 156, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 156, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 156, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 156, 184); box-shadow:4px 4px 4px 4px rgb(107, 156, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3634, 0.2492, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 156, 184) }
```

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

```
.background{ background-color: rgb(107,  
156, 184) }
```

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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