

Converting Colors

$Y_{xy}(28.6392, 0.2652, 0.2830)$

Have a look what the booklet for
Yxy(28.6392, 0.2652, 0.2830)
contains.

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Color

Yxy(28.6392, 0.2652, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	7C94B1
RGB	124, 148, 177
RGB Percent	49%, 58%, 69%
CMY	0.5138, 0.4196, 0.3058
CMYK	0.30, 0.16, 0.00, 0.31
HSL	213°, 25%, 59%
HSV	213°, 30%, 69%
XYZ	26.8379, 28.6392, 45.7215
YIQ	144.1300, -23.6130, 3.9310

Conversions

Conversions Part 2

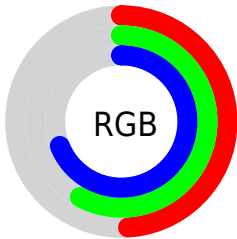
Format	Color
RYB	124, 141, 177
Decimal	8164529
CIELab	60.46, -1.55, -17.94
CIElCh	60, 18.003, 265.053
Yxy	28.6392, 0.2652, 0.2830
Android (android.graphics.Color)	4286354609 (0xFF7C94B1)
YUV	144.1300, 16.2049, -17.6540
Hunter-Lab	53.5156, -4.1353, -13.1940

Details

The Yxy color **28.6392, 0.2652, 0.2830** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.5892, 0.3663, 0.3709**, and the grayscale version is **27.8854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5892, 0.2749, 0.2921**, and **11.4211, 0.2491, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **24.5252, 0.2486, 0.2646**, and if you desaturate by 10%, it is **33.2465, 0.2816, 0.2999**.

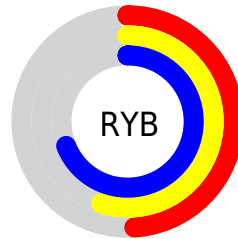
Distribution



Red (49%)

Green (58%)

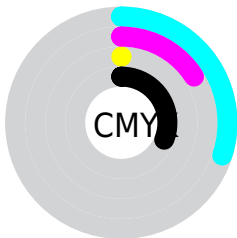
Blue (69%)



Red (49%)

Yellow (55%)

Blue (69%)

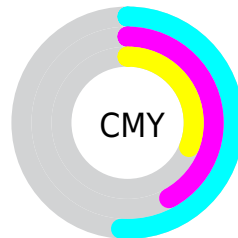


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6392, 0.2652, 0.2830 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 28.6392, 0.2652, 0.2830 by changing the saturation by 10% instead.

■ 28.6392, 0.2652,
0.2830

■ 28.6392, 0.2652,
0.2830

■ 295.5088, 0.2905,
0.3077

■ 18.8081, 0.2584,
0.2763

■ 57.5033, 0.2748,
0.2924

■ 11.5317, 0.2493,
0.2673

■ 77.3051, 0.2783,
0.2958

■ 6.4256, 0.2366,
0.2548

■ 101.1993, 0.2812,
0.2986

■ 3.1056, 0.2179,
0.2362

■ 129.5701, 0.2836,
0.3010

■ 1.1871, 0.1878,
0.2059

■ 162.8021, 0.2857,
0.3030

■ 0.0511, 0.0076,
0.0362

■ 201.2796, 0.2875,

■ 0.0000, 0.0000,

0.3048

0.0000

245.3870, 0.2891,
0.3063

■ 28.6392, 0.2652,
0.2830

■ 28.6392, 0.2652,
0.2830

■ 24.5252, 0.2486,
0.2646

■ 33.2465, 0.2816,
0.2999

■ 20.8822, 0.2324,
0.2448

■ 38.3615, 0.2975,
0.3153

■ 17.6912, 0.2169,
0.2241

■ 44.0019, 0.3128,
0.3290

■ 14.9299, 0.2028,
0.2030

■ 50.1837, 0.3272,
0.3413

■ 12.5739, 0.1906,
0.1820

■ 56.9221, 0.3406,
0.3521

■ 10.5953, 0.1807,
0.1619

■ 64.2315, 0.3531,
0.3615

■ 8.9429, 0.1731,
0.1430

■ 72.1259, 0.3647,
0.3698

■ 8.9372, 0.1731,
0.1429

■ 78.5518, 0.3673,
0.3785

■ 83.9535, 0.3645,
0.3877

Harmonies

Analogous

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



28.6392, 0.2571, 0.2975



28.6392, 0.2652, 0.2830



28.6392, 0.2857, 0.2807

Triad

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



28.6392, 0.2652, 0.2830



28.6392, 0.3651, 0.3323



28.6392, 0.3090, 0.3730

Complementary

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



28.6392, 0.2652, 0.2830



33.5892, 0.3663, 0.3709

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.



28.6392, 0.3383, 0.3819



28.6392, 0.2652, 0.2830



28.6392, 0.3716, 0.3565

Square

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



28.6392, 0.2652, 0.2830



28.6392, 0.3437, 0.3085



28.6392, 0.3616, 0.3751



28.6392, 0.2815, 0.3503

Rectangle

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



28.6392, 0.2652, 0.2830



28.6392, 0.3043, 0.2857



28.6392, 0.3616, 0.3751



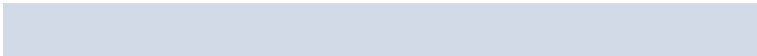
28.6392, 0.3189, 0.3777

Sweetspot

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



28.6403, 0.2652, 0.2830



69.4638, 0.2988, 0.3165



38.0144, 0.2877, 0.3679



14.7565, 0.2966, 0.3144



89.0005, 0.3127, 0.3290



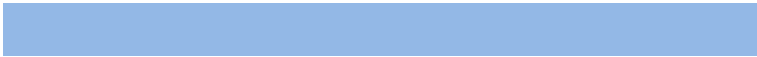
17.0645, 0.3127, 0.3290

Same Dimension

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



28.6403, 0.2652, 0.2830



46.2807, 0.2542, 0.2709



22.0033, 0.2625, 0.2436



8.8429, 0.2985, 0.3162



6.5915, 0.1736, 0.1449



0.3245, 0.1888, 0.1995

Inverse Universe

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



25.8996, 0.3488, 0.2944



41.0436, 0.3598, 0.2864



42.0532, 0.3554, 0.4029



8.5671, 0.3219, 0.3187



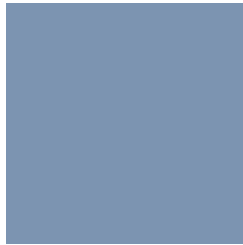
7.2055, 0.5125, 0.2597



0.2385, 0.4458, 0.2230

Previews

White Background



This preview shows how the Yxy color 28.6392, 0.2652, 0.2830 looks on a white background.

Color Contrast Check

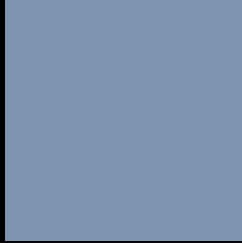
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6392, 0.2652, 0.2830 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 × Fail

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

Yxy 28.6392, 0.2652, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 28.6392, 0.2652, 0.2830.



This preview shows how white text looks on a background with the Yxy color 28.6392, 0.2652, 0.2830.

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

28.6392, 0.2652, 0.2830

Protanopia

28.4915, 0.2803, 0.2826

Deuteranopia

28.4000, 0.2805, 0.2744



Tritanopia

28.5220, 0.2739, 0.3075

Trichromacy



Original Color

28.6392, 0.2652, 0.2830

Protanomaly

28.4143, 0.2750, 0.2822

Deuteranomaly

28.3951, 0.2743, 0.2766

Tritanomaly

28.4596, 0.2707, 0.2981

Monochromacy



Original Color

28.6392, 0.2652, 0.2830

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9695, 0.2942, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6392, 0.2652, 0.2830 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(124, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(124, 148, 177)  
}
```

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(124, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 148, 177) }
```

Border

The CSS property to change the border of an element to Yxy 28.6392, 0.2652, 0.2830 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(124, 148, 177) }
```

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

```
.border{ border-color:rgb(124, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(124, 148,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6392, 0.2652, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 148, 177) }
```

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

```
.background{ background-color: rgb(124,  
148, 177) }
```

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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