

Converting Colors

$Y_{xy}(21.5875, 0.2702, 0.2875)$

Have a look what the booklet for
Yxy(21.5875, 0.2702, 0.2875)
contains.

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Color

Yxy(21.6447, 0.2699, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	6F8299
RGB	111, 130, 153
RGB Percent	44%, 51%, 60%
CMY	0.5646, 0.4902, 0.4000
CMYK	0.27, 0.15, 0.00, 0.40
HSL	213°, 17%, 52%
HSV	213°, 27%, 60%
XYZ	20.2914, 21.6447, 33.2452
YIQ	126.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

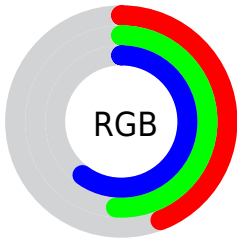
Format	Color
R _Y B	111, 124, 153
Decimal	7307929
CIE Lab	53.65, -1.37, -14.59
CIE LCh	54, 14.657, 264.620
Yxy	21.6447, 0.2699, 0.2879
Android (android.graphics.Color)	4285498009 (0xFF6F8299)
YUV	126.9410, 12.8471, -13.9803
Hunter-Lab	46.5239, -3.5638, -9.8009

Details

The Yxy color **21.6447, 0.2699, 0.2879** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9839, 0.3603, 0.3669**, and the grayscale version is **21.1647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1585, 0.2791, 0.2976**, and **7.8683, 0.2536, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **18.5948, 0.2535, 0.2700**, and if you desaturate by 10%, it is **25.0483, 0.2860, 0.3043**.

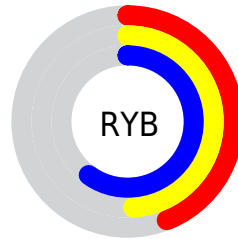
Distribution



Red (44%)

Green (51%)

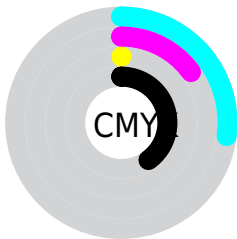
Blue (60%)



Red (44%)

Yellow (49%)

Blue (60%)

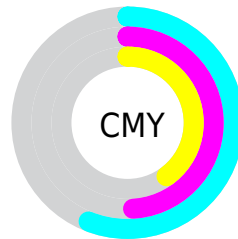


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6447, 0.2699, 0.2879 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 21.6447, 0.2699, 0.2879 by changing the saturation by 10% instead.

■ 21.6447, 0.2699,
0.2879

■ 21.6447, 0.2699,
0.2879

■ 260.6852, 0.2938,
0.3109

■ 13.5961, 0.2630,
0.2812

■ 46.1581, 0.2792,
0.2969

■ 7.8403, 0.2535,
0.2719

■ 63.3916, 0.2825,
0.3001

■ 3.9929, 0.2395,
0.2582

■ 84.4555, 0.2852,
0.3027

■ 1.6696, 0.2174,
0.2362

■ 109.7342, 0.2875,
0.3049

■ 0.4039, 0.1521,
0.1753

■ 139.6122, 0.2894,
0.3068

■ 0.0000, 0.0000,
0.0000

174.4737, 0.2911,

0.3084

214.7032, 0.2925,
0.3097

■ 21.6447, 0.2699,
0.2879

■ 21.6447, 0.2699,
0.2879

■ 18.5948, 0.2535,
0.2700

■ 25.0483, 0.2860,
0.3043

■ 15.8831, 0.2373,
0.2508

■ 28.8153, 0.3016,
0.3190

■ 13.4964, 0.2217,
0.2306

■ 32.9580, 0.3165,
0.3323

■ 11.4199, 0.2072,
0.2097

■ 37.4875, 0.3305,
0.3440

■ 9.6368, 0.1944,
0.1888

■ 42.4144, 0.3435,
0.3544

■ 8.1285, 0.1838,
0.1685

■ 47.7486, 0.3557,
0.3635

■ 6.8664, 0.1755,
0.1494

■ 53.4999, 0.3669,
0.3715

■ 6.5699, 0.1735,
0.1446

■ 59.6777, 0.3773,
0.3785

■ 66.2910, 0.3868,
0.3846

Harmonies

Analogous

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



21.6447, 0.2627, 0.3013



21.6447, 0.2699, 0.2879



21.6447, 0.2883, 0.2855

Triad

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



21.6447, 0.2699, 0.2879



21.6447, 0.3593, 0.3318



21.6447, 0.3099, 0.3683

Complementary

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



21.6447, 0.2699, 0.2879



24.9839, 0.3603, 0.3669

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.



21.6447, 0.3361, 0.3761



21.6447, 0.2699, 0.2879



21.6447, 0.3654, 0.3536

Square

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



21.6447, 0.2699, 0.2879



21.6447, 0.3401, 0.3103



21.6447, 0.3566, 0.3701



21.6447, 0.2852, 0.3484

Rectangle

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



21.6447, 0.2699, 0.2879



21.6447, 0.3049, 0.2899



21.6447, 0.3566, 0.3701



21.6447, 0.3188, 0.3724

Sweetspot

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



21.6456, 0.2699, 0.2879



51.0877, 0.3005, 0.3180



27.8697, 0.2899, 0.3637



11.0633, 0.2983, 0.3160



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



21.6456, 0.2699, 0.2879



35.2899, 0.2597, 0.2770



17.1510, 0.2680, 0.2529



6.4629, 0.2989, 0.3165



5.4950, 0.1739, 0.1459



0.1534, 0.1958, 0.2250

Inverse Universe

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



19.7614, 0.3445, 0.2979



31.6168, 0.3542, 0.2905



30.5682, 0.3514, 0.3958



6.2668, 0.3216, 0.3190



5.9600, 0.5113, 0.2590



0.0963, 0.4179, 0.2076

Previews

White Background



This preview shows how the Yxy color 21.6447, 0.2699, 0.2879 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 21.6447, 0.2699, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

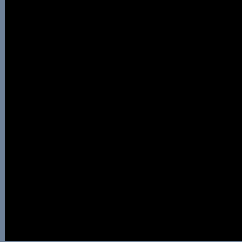
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

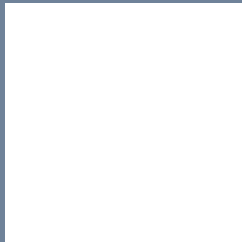
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.6447, 0.2699, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 21.6447, 0.2699, 0.2879.



This preview shows how white text looks on a background with the Yxy color 21.6447, 0.2699, 0.2879.

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

21.6447, 0.2699, 0.2879

Protanopia

21.6241, 0.2835, 0.2872

Deuteranopia

21.5124, 0.2847, 0.2794



Tritanopia

21.7067, 0.2781, 0.3105

Trichromacy



Original Color

21.6447, 0.2699, 0.2879

Protanomaly

21.6273, 0.2785, 0.2869

Deuteranomaly

21.5768, 0.2785, 0.2821

Tritanomaly

21.6229, 0.2753, 0.3016

Monochromacy



Original Color

21.6447, 0.2699, 0.2879

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.2809, 0.2963, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6447, 0.2699, 0.2879 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(111, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(111, 130, 153)  
}
```

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(111, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 21.6447, 0.2699, 0.2879 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(111, 130, 153) }
```

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

```
.border{ border-color:rgb(111, 130, 153) }
```

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

Here you see how a box with a 4 pixel rgb(111, 130, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(111, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6447, 0.2699, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 130, 153) }
```

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

```
.background{ background-color: rgb(111,  
130, 153) }
```

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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