

Converting Colors

$Y_{xy}(25.6955, 0.2943, 0.3600)$

Have a look what the booklet for
Yxy(25.6955, 0.2943, 0.3600)
contains.

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Color

$Y_{xy}(25.5875, 0.2942, 0.3598)$

Conversions

Conversions Part 1

Format	Color
Hex	709281
RGB	112, 146, 129
RGB Percent	44%, 57%, 51%
CMY	0.5608, 0.4274, 0.4941
CMYK	0.23, 0.00, 0.12, 0.43
HSL	150°, 13%, 51%
HSV	150°, 23%, 57%
XYZ	20.9223, 25.5875, 24.6061
YIQ	133.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

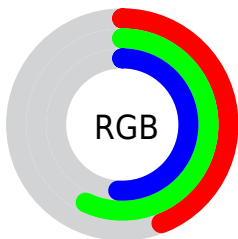
Format	Color
RYB	112, 135, 146
Decimal	7377537
CIELab	57.64, -15.53, 5.15
CIELCh	58, 16.362, 161.655
Yxy	25.5875, 0.2942, 0.3598
Android (android.graphics.Color)	4285567617 (0xFF709281)
YUV	133.8960, -2.4137, -19.2028
Hunter-Lab	50.5841, -14.6920, 6.5679

Details

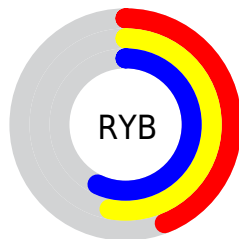
The Yxy color **25.5875, 0.2942, 0.3598** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2818, 0.3364, 0.3002**, and the grayscale version is **23.8128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5785, 0.2979, 0.3528**, and **9.8204, 0.2865, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **24.5201, 0.2869, 0.3753**, and if you desaturate by 10%, it is **26.8262, 0.3020, 0.3457**.

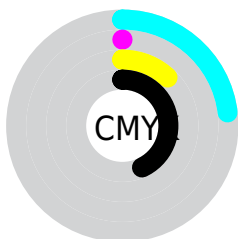
Distribution



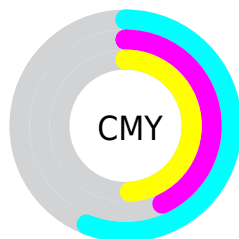
- Red (44%)
- Green (57%)
- Blue (51%)



- Red (44%)
- Yellow (53%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)





- Cyan (56%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5875, 0.2942, 0.3598 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 25.5875, 0.2942, 0.3598 by changing the saturation by 10% instead.


 25.5875, 0.2942,
0.3598


 25.5875, 0.2942,
0.3598


280.7512, 0.3045,
0.3425


 16.5153, 0.2912,
0.3649


 52.6087, 0.2983,
0.3530


 9.8895, 0.2870,
0.3720


 71.3266, 0.2997,
0.3506

 5.3258, 0.2808,
0.3825

 94.0284, 0.3009,
0.3487

 2.4396, 0.2706,
0.3999

 121.0986, 0.3018,
0.3470

 0.8462, 0.2320,
0.4617

152.9216, 0.3027,
0.3457

 0.0000, 0.0000,
0.0000

189.8818, 0.3034,

0.3445

232.3635, 0.3040,
0.3434

■ 25.5875, 0.2942,
0.3598

■ 25.5875, 0.2942,
0.3598

■ 24.5201, 0.2869,
0.3753

■ 26.8262, 0.3020,
0.3457

■ 23.6131, 0.2805,
0.3922

■ 28.2402, 0.3100,
0.3329

■ 22.8591, 0.2751,
0.4101

■ 29.8374, 0.3182,
0.3215

■ 22.2489, 0.2712,
0.4288

■ 31.6244, 0.3263,
0.3114

■ 21.7724, 0.2689,
0.4480

■ 33.6071, 0.3342,
0.3025

■ 21.4179, 0.2685,
0.4671

■ 35.7915, 0.3418,
0.2947

■ 21.1717, 0.2700,
0.4855

■ 38.1832, 0.3491,
0.2878

■ 21.0411, 0.2715,
0.4975

■ 40.7876, 0.3561,
0.2819

■ 43.6097, 0.3628,
0.2766

Harmonies

Analogous

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



25.5875, 0.3219, 0.3760



25.5875, 0.2942, 0.3598



25.5875, 0.2722, 0.3345

Triad

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



25.5875, 0.2942, 0.3598



25.5875, 0.2773, 0.2828



25.5875, 0.3675, 0.3452

Complementary

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



25.5875, 0.2942, 0.3598



19.2818, 0.3364, 0.3002

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.



25.5875, 0.3545, 0.3218



25.5875, 0.2942, 0.3598



25.5875, 0.3016, 0.2869

Square

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



25.5875, 0.2942, 0.3598



25.5875, 0.2627, 0.2903



25.5875, 0.3300, 0.3009



25.5875, 0.3649, 0.3658

Rectangle

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



25.5875, 0.2942, 0.3598



25.5875, 0.2633, 0.3169



25.5875, 0.3300, 0.3009



25.5875, 0.3648, 0.3374

Sweetspot

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



25.5886, 0.2942, 0.3598



48.8186, 0.3069, 0.3376



26.3960, 0.3278, 0.3887



10.8326, 0.3065, 0.3383



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.5886, 0.2942, 0.3598



44.1082, 0.2903, 0.3678



26.0790, 0.2793, 0.3289



6.5139, 0.3052, 0.3403



18.5192, 0.2713, 0.4967



0.2326, 0.2497, 0.4188

Inverse Universe

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



19.2818, 0.3364, 0.3002



30.9688, 0.3432, 0.2933



18.8667, 0.3589, 0.3291



5.8608, 0.3209, 0.3180



5.8052, 0.4910, 0.2479



0.0770, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 25.5875, 0.2942, 0.3598 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 25.5875, 0.2942, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

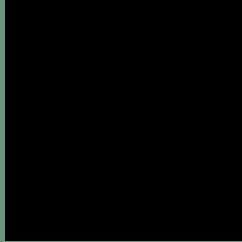
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

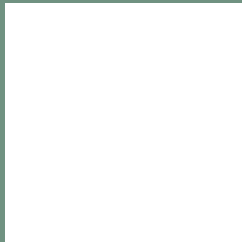
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5875, 0.2942, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 25.5875, 0.2942, 0.3598.

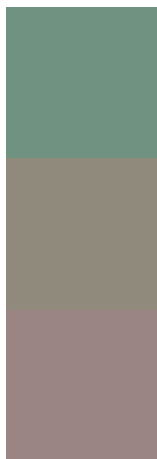


This preview shows how white text looks on a background with the Yxy color 25.5875, 0.2942, 0.3598.

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

25.5875, 0.2942, 0.3598

Protanopia

25.5869, 0.3330, 0.3508

Deuteranopia

25.3110, 0.3381, 0.3307



Tritanopia

25.4610, 0.2766, 0.3083

Trichromacy



Original Color

25.5875, 0.2942, 0.3598

Protanomaly

25.4616, 0.3180, 0.3550

Deuteranomaly

25.3046, 0.3210, 0.3409

Tritanomaly

25.3341, 0.2826, 0.3254

Monochromacy



Original Color

25.5875, 0.2942, 0.3598

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2785, 0.3057, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5875, 0.2942, 0.3598 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(112, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(112, 146, 129)  
}
```

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(112, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 146, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.5875, 0.2942, 0.3598 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(112, 146, 129) }
```

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

```
.border{ border-color:rgb(112, 146, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 146, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(112, 146,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5875, 0.2942, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 146, 129) }
```

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

```
.background{ background-color: rgb(112,  
146, 129) }
```

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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