

Converting Colors

$Y_{xy}(25.3540, 0.2953, 0.3698)$

Have a look what the booklet for
Yxy(25.3540, 0.2953, 0.3698)
contains.

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Color

$Y_{xy}(25.2642, 0.2958, 0.3695)$

Conversions

Conversions Part 1

Format	Color
Hex	6D927C
RGB	109, 146, 124
RGB Percent	43%, 57%, 49%
CMY	0.5725, 0.4274, 0.5137
CMYK	0.25, 0.00, 0.15, 0.43
HSL	144°, 15%, 50%
HSV	144°, 25%, 57%
XYZ	20.2250, 25.2642, 22.8848
YIQ	132.4290, -14.9900, -14.6860

Conversions

Conversions Part 2

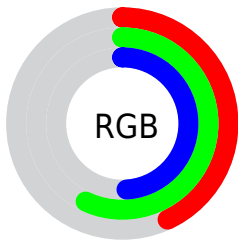
Format	Color
RYB	109, 135, 146
Decimal	7180924
CIELab	57.33, -17.58, 7.52
CIElCh	57, 19.121, 156.834
Yxy	25.2642, 0.2958, 0.3695
Android (android.graphics.Color)	4285371004 (0xFF6D927C)
YUV	132.4290, -4.1555, -20.5472
Hunter-Lab	50.2635, -16.1363, 8.1899

Details

The Yxy color $25.2642, 0.2958, 0.3695$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.6883, 0.3344, 0.2918$, and the grayscale version is $23.2581, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0599, 0.2991, 0.3598$, and $9.6531, 0.2888, 0.3858$ is the 20% darker color. If you saturate the color by 10%, you get $24.2049, 0.2897, 0.3885$, and if you desaturate by 10%, it is $26.4988, 0.3023, 0.3522$.

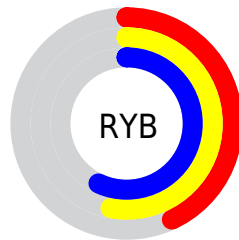
Distribution



Red (43%)

Green (57%)

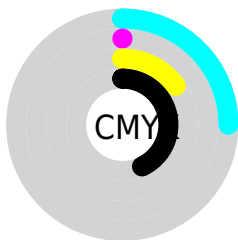
Blue (49%)



Red (43%)

Yellow (53%)

Blue (57%)

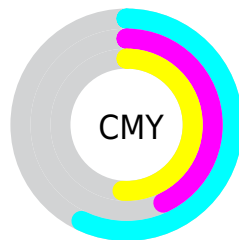


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (43%)



Cyan (57%)


Magenta (43%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2642, 0.2958, 0.3695 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 25.2642, 0.2958, 0.3695 by changing the saturation by 10% instead.


 25.2642, 0.2958,
0.3695


 25.2642, 0.2958,
0.3695


279.1511, 0.3054,
0.3466


 16.2740, 0.2929,
0.3763


 52.0855, 0.2996,
0.3604


 9.7183, 0.2889,
0.3859


 70.6854, 0.3009,
0.3573

 5.2126, 0.2828,
0.4002

 93.2573, 0.3020,
0.3547

 2.3725, 0.2726,
0.4242

 120.1857, 0.3029,
0.3525

 0.8117, 0.2264,
0.5369

151.8548, 0.3037,
0.3507

 0.0000, 0.0000,
0.0000

188.6492, 0.3043,

0.3492

230.9532, 0.3049,
0.3478

■ 25.2642, 0.2958,
0.3695

■ 25.2642, 0.2958,
0.3695

■ 24.2049, 0.2897,
0.3885

■ 26.4988, 0.3023,
0.3522

■ 23.3095, 0.2844,
0.4091

■ 27.9130, 0.3091,
0.3366

■ 22.5705, 0.2802,
0.4309

■ 29.5149, 0.3159,
0.3227

■ 21.9781, 0.2773,
0.4534

■ 31.3114, 0.3226,
0.3105

■ 21.5218, 0.2760,
0.4760

■ 33.3086, 0.3292,
0.2997

■ 21.1892, 0.2765,
0.4980

■ 35.5128, 0.3354,
0.2902

■ 20.9639, 0.2787,
0.5185

■ 37.9296, 0.3415,
0.2820

■ 20.8762, 0.2799,
0.5276

■ 40.5648, 0.3471,
0.2747

■ 43.4236, 0.3525,
0.2684

Harmonies

Analogous

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



25.2642, 0.3285, 0.3861



25.2642, 0.2958, 0.3695



25.2642, 0.2687, 0.3404

Triad

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



25.2642, 0.2958, 0.3695



25.2642, 0.2677, 0.2756



25.2642, 0.3759, 0.3432

Complementary

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



25.2642, 0.2958, 0.3695



18.6883, 0.3344, 0.2918

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.



25.2642, 0.3579, 0.3161



25.2642, 0.2958, 0.3695



25.2642, 0.2945, 0.2784

Square

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



25.2642, 0.2958, 0.3695



25.2642, 0.2531, 0.2863



25.2642, 0.3276, 0.2930



25.2642, 0.3757, 0.3683

Rectangle

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



25.2642, 0.2958, 0.3695



25.2642, 0.2569, 0.3193



25.2642, 0.3276, 0.2930



25.2642, 0.3717, 0.3341

Sweetspot

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



25.2653, 0.2958, 0.3695



48.5038, 0.3072, 0.3408



26.5037, 0.3331, 0.3936



10.7121, 0.3062, 0.3429



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.



25.2653, 0.2958, 0.3695



43.5476, 0.2925, 0.3793



25.7716, 0.2798, 0.3355



6.5051, 0.3064, 0.3424



18.3753, 0.2796, 0.5267



0.2305, 0.2564, 0.4431

Inverse Universe

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



18.6883, 0.3344, 0.2918



30.0507, 0.3402, 0.2837



18.2355, 0.3590, 0.3227



5.8697, 0.3195, 0.3159



5.9843, 0.4525, 0.2266



0.0791, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 25.2642, 0.2958, 0.3695 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 25.2642, 0.2958, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

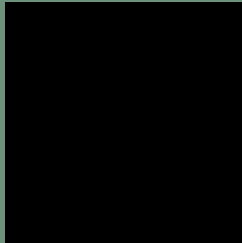
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2642, 0.2958, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 25.2642, 0.2958, 0.3695.



This preview shows how white text looks on a background with the Yxy color 25.2642, 0.2958, 0.3695.

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

25.2642, 0.2958, 0.3695

Protanopia

25.1525, 0.3397, 0.3594

Deuteranopia

24.9049, 0.3440, 0.3372



Tritanopia

25.2907, 0.2756, 0.3099

Trichromacy



Original Color

25.2642, 0.2958, 0.3695

Protanomaly

24.9619, 0.3221, 0.3623

Deuteranomaly

24.8010, 0.3253, 0.3479

Tritanomaly

25.1086, 0.2834, 0.3307

Monochromacy



Original Color

25.2642, 0.2958, 0.3695

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7614, 0.3066, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2642, 0.2958, 0.3695 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(109, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 124)  
}
```

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(109, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 124) }
```

Border

The CSS property to change the border of an element to Yxy 25.2642, 0.2958, 0.3695 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(109, 146, 124) }
```

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

```
.border{ border-color:rgb(109, 146, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2642, 0.2958, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 146, 124) }
```

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

```
.background{ background-color: rgb(109,  
146, 124) }
```

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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