

Converting Colors

$Y_{xy}(25.5709, 0.3351, 0.2956)$

Have a look what the booklet for
Yxy(25.5709, 0.3351, 0.2956)
contains.

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Color

Yxy(25.5642, 0.3352, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	A77F95
RGB	167, 127, 149
RGB Percent	65%, 50%, 58%
CMY	0.3452, 0.5019, 0.4156
CMYK	0.00, 0.24, 0.11, 0.35
HSL	327°, 19%, 58%
HSV	327°, 24%, 65%
XYZ	28.9497, 25.5642, 31.8516
YIQ	141.4680, 16.7780, 15.3220

Conversions

Conversions Part 2

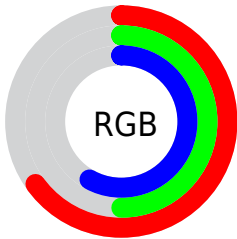
Format	Color
R _Y B	167, 127, 149
Decimal	10977173
CIE Lab	57.62, 19.08, -5.83
CIE LCh	58, 19.952, 343.001
Yxy	25.5642, 0.3352, 0.2960
Android (android.graphics.Color)	4289167253 (0xFFA77F95)
YUV	141.4680, 3.7133, 22.3916
Hunter-Lab	50.5611, 13.7219, -1.9578

Details

The Yxy color $25.5642, 0.3352, 0.2960$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.1885, 0.2951, 0.3645$, and the grayscale version is $26.8103, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6423, 0.3310, 0.3029$, and $9.9080, 0.3428, 0.2862$ is the 20% darker color. If you saturate the color by 10%, you get $21.3712, 0.3477, 0.2816$, and if you desaturate by 10%, it is $30.4898, 0.3246, 0.3102$.

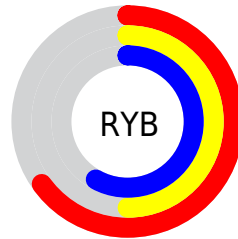
Distribution



Red (65%)

Green (50%)

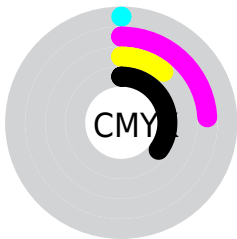
Blue (58%)



Red (65%)

Yellow (50%)

Blue (58%)

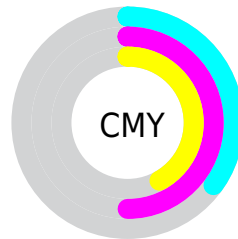


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (35%)



Cyan (35%)


Magenta (50%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5642, 0.3352, 0.2960 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 25.5642, 0.3352, 0.2960 by changing the saturation by 10% instead.

 25.5642, 0.3352,
0.2960


 25.5642, 0.3352,
0.2960


280.6362, 0.3230,
0.3137


 16.4979, 0.3386,
0.2911


 52.5711, 0.3305,
0.3028

 9.8772, 0.3431,
0.2846


 71.2804, 0.3289,
0.3052

 5.3176, 0.3497,
0.2753


 93.9729, 0.3275,
0.3072

 2.4348, 0.3597,
0.2612

121.0329, 0.3263,
0.3089

 0.8437, 0.3773,
0.2369

152.8448, 0.3253,
0.3104

 0.0000, 0.6403,
0.0000

189.7931, 0.3245,

 0.0000, 0.0000,

0.3117

0.0000

232.2621, 0.3237,
0.3128

■ 25.5642, 0.3352,
0.2960

■ 25.5642, 0.3352,
0.2960

■ 21.3712, 0.3477,
0.2816

■ 30.4898, 0.3246,
0.3102

■ 17.8720, 0.3623,
0.2675

■ 36.1776, 0.3158,
0.3238

■ 15.0291, 0.3790,
0.2545

■ 42.6598, 0.3084,
0.3367

■ 12.8002, 0.3978,
0.2437

■ 49.9656, 0.3023,
0.3486

■ 11.1383, 0.4181,
0.2362

■ 58.1229, 0.2972,
0.3597

■ 9.9890, 0.4393,
0.2332

■ 67.1582, 0.2930,
0.3699

■ 9.2874, 0.4603,
0.2352

■ 77.0967, 0.2895,
0.3792

■ 8.9859, 0.4731,
0.2380

■ 84.3398, 0.2862,
0.3819

■ 84.7204, 0.2824,
0.3729

Harmonies

Analogous

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



25.5642, 0.3005, 0.2788



25.5642, 0.3352, 0.2960



25.5642, 0.3649, 0.3212

Triad

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



25.5642, 0.3352, 0.2960



25.5642, 0.3541, 0.3888



25.5642, 0.2498, 0.3027

Complementary

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



25.5642, 0.3352, 0.2960



34.1885, 0.2951, 0.3645

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.



25.5642, 0.2626, 0.3339



25.5642, 0.3352, 0.2960



25.5642, 0.3220, 0.3864

Square

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



25.5642, 0.3352, 0.2960



25.5642, 0.3757, 0.3743



25.5642, 0.2886, 0.3657



25.5642, 0.2528, 0.2812

Rectangle

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



25.5642, 0.3352, 0.2960



25.5642, 0.3770, 0.3400



25.5642, 0.2886, 0.3657



25.5642, 0.2524, 0.3124

Sweetspot

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



25.5653, 0.3352, 0.2960



61.4063, 0.3184, 0.3196



23.9294, 0.2908, 0.2663



13.6108, 0.3189, 0.3188



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.5653, 0.3352, 0.2960



41.4419, 0.3419, 0.2879



24.9976, 0.3580, 0.3250



7.6088, 0.3203, 0.3166



6.8874, 0.4713, 0.2370



0.1777, 0.4095, 0.2030

Inverse Universe

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



25.5653, 0.3352, 0.2960



41.4419, 0.3419, 0.2879



34.8370, 0.2801, 0.3331



7.6088, 0.3203, 0.3166



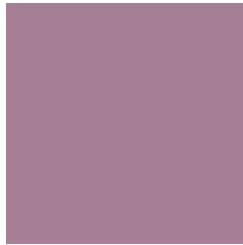
6.8874, 0.4713, 0.2370



0.1777, 0.4095, 0.2030

Previews

White Background



This preview shows how the Yxy color 25.5642, 0.3352, 0.2960 looks on a white background.

Color Contrast Check

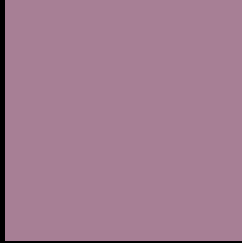
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5642, 0.3352, 0.2960 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 25.5642, 0.3352, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 25.5642, 0.3352, 0.2960.



This preview shows how white text looks on a background with the Yxy color 25.5642, 0.3352, 0.2960.

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

25.5642, 0.3352, 0.2960

Protanopia

25.8115, 0.2930, 0.2996

Deuteranopia

25.7620, 0.3137, 0.3082



Tritanopia

25.6716, 0.3452, 0.3138

Trichromacy



Original Color

25.5642, 0.3352, 0.2960

Protanomaly

25.5531, 0.3075, 0.2987

Deuteranomaly

25.6092, 0.3218, 0.3040

Tritanomaly

25.5285, 0.3408, 0.3063

Monochromacy



Original Color

25.5642, 0.3352, 0.2960

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1060, 0.3200, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5642, 0.3352, 0.2960 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(167, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(167, 127, 149)  
}
```

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(167, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 127, 149) }
```

Border

The CSS property to change the border of an element to Yxy 25.5642, 0.3352, 0.2960 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(167, 127, 149) }
```

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

```
.border{ border-color:rgb(167, 127, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 127, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 127, 149); box-shadow:4px 4px 4px 4px rgb(167, 127, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5642, 0.3352, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 127, 149) }
```

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

```
.background{ background-color: rgb(167,  
127, 149) }
```

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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