

Converting Colors

$Y_{xy}(25.2754, 0.2926, 0.2758)$

Have a look what the booklet for
Yxy(25.2754, 0.2926, 0.2758)
contains.

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Color

Yxy(25.2754, 0.2926, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	9184A6
RGB	145, 132, 166
RGB Percent	57%, 52%, 65%
CMY	0.4313, 0.4824, 0.3489
CMYK	0.13, 0.20, 0.00, 0.35
HSL	263°, 16%, 58%
HSV	263°, 20%, 65%
XYZ	26.8150, 25.2754, 39.5535
YIQ	139.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

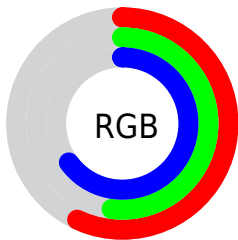
Format	Color
RYB	145, 132, 166
Decimal	9536678
CIELab	57.34, 11.80, -16.25
CIELCh	57, 20.083, 305.980
Yxy	25.2754, 0.2926, 0.2758
Android (android.graphics.Color)	4287726758 (0xFF9184A6)
YUV	139.7630, 12.9348, 4.5928
Hunter-Lab	50.2746, 7.2260, -11.4541

Details

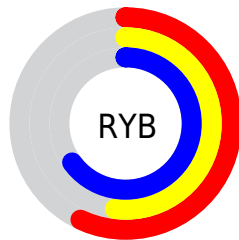
The Yxy color $25.2754, 0.2926, 0.2758$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $35.7201, 0.3300, 0.3810$, and the grayscale version is $26.0801, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0605, 0.2971, 0.2866$, and $9.7811, 0.2845, 0.2590$ is the 20% darker color. If you saturate the color by 10%, you get $20.2368, 0.2806, 0.2467$, and if you desaturate by 10%, it is $31.1167, 0.3032, 0.3030$.

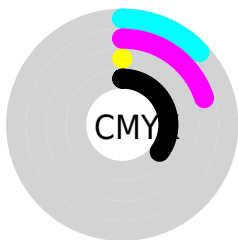
Distribution



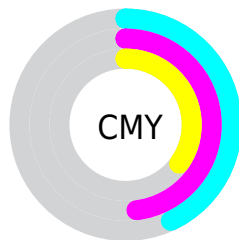
- Red (57%)
- Green (52%)
- Blue (65%)



- Red (57%)
- Yellow (52%)
- Blue (65%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)





- Cyan (43%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2754, 0.2926, 0.2758 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 25.2754, 0.2926, 0.2758 by changing the saturation by 10% instead.


 25.2754, 0.2926,
0.2758


 25.2754, 0.2926,
0.2758


279.2067, 0.3039,
0.3042


 16.2824, 0.2893,
0.2681


 52.1037, 0.2970,
0.2866

 9.7242, 0.2848,
0.2578


 70.7076, 0.2986,
0.2905

 5.2165, 0.2781,
0.2435


 93.2841, 0.2999,
0.2937

 2.3748, 0.2675,
0.2221

120.2174, 0.3010,
0.2965

 0.8129, 0.2485,
0.1870

151.8919, 0.3019,
0.2988

 0.0000, 0.0102,
0.0000

188.6920, 0.3026,

 0.0000, 0.0000,

0.3008

0.0000

231.0021, 0.3033,
0.3026

■ 25.2754, 0.2926,
0.2758

■ 25.2754, 0.2926,
0.2758

■ 20.2368, 0.2806,
0.2467

■ 31.1167, 0.3032,
0.3030

■ 15.9617, 0.2671,
0.2163

■ 37.7912, 0.3123,
0.3278

■ 12.4124, 0.2525,
0.1855

■ 45.3318, 0.3201,
0.3503

■ 9.5463, 0.2371,
0.1559

■ 53.7685, 0.3267,
0.3704

■ 7.3167, 0.2217,
0.1290

■ 63.1300, 0.3323,
0.3883

■ 5.6704, 0.2069,
0.1064

■ 73.4434, 0.3370,
0.4042

■ 4.5452, 0.1935,
0.0894

■ 84.7351, 0.3409,
0.4182

■ 3.8284, 0.1825,
0.0779

■ 90.6070, 0.3464,
0.4222

■ 92.3238, 0.3533,
0.4200

Harmonies

Analogous

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



25.2754, 0.2649, 0.2732



25.2754, 0.2926, 0.2758



25.2754, 0.3273, 0.2907

Triad

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



25.2754, 0.2926, 0.2758



25.2754, 0.3791, 0.3695



25.2754, 0.2671, 0.3419

Complementary

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



25.2754, 0.2926, 0.2758



35.7201, 0.3300, 0.3810

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.



25.2754, 0.2958, 0.3724



25.2754, 0.2926, 0.2758



25.2754, 0.3609, 0.3873

Square

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



25.2754, 0.2926, 0.2758



25.2754, 0.3788, 0.3429



25.2754, 0.3301, 0.3893



25.2754, 0.2508, 0.3092

Rectangle

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



25.2754, 0.2926, 0.2758



25.2754, 0.3497, 0.3060



25.2754, 0.3301, 0.3893



25.2754, 0.2756, 0.3529

Sweetspot

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



25.2765, 0.2926, 0.2758



61.5761, 0.3073, 0.3142



30.6213, 0.2815, 0.3092



13.6138, 0.3068, 0.3126



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.



25.2765, 0.2926, 0.2758



41.1399, 0.2868, 0.2616



26.8831, 0.3101, 0.2785



7.4352, 0.3043, 0.3061



2.9929, 0.1834, 0.0784



0.1023, 0.2235, 0.1005

Inverse Universe

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



26.9108, 0.3289, 0.2977



44.7389, 0.3337, 0.2897



34.2264, 0.3143, 0.3836



7.6172, 0.3193, 0.3152



7.0472, 0.4443, 0.2221



0.1810, 0.3941, 0.1945

Previews

White Background



This preview shows how the Yxy color 25.2754, 0.2926, 0.2758 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 25.2754, 0.2926, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

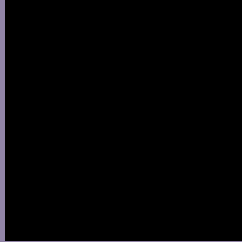
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2754, 0.2926, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 25.2754, 0.2926, 0.2758.



This preview shows how white text looks on a background with the Yxy color 25.2754, 0.2926, 0.2758.

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

25.2754, 0.2926, 0.2758

Protanopia

25.2187, 0.2752, 0.2757

Deuteranopia

25.3629, 0.2855, 0.2810



Tritanopia

25.4344, 0.3091, 0.3126

Trichromacy



Original Color

25.2754, 0.2926, 0.2758

Protanomaly

25.3060, 0.2808, 0.2763

Deuteranomaly

25.3423, 0.2885, 0.2798

Tritanomaly

25.4675, 0.3032, 0.3000

Monochromacy



Original Color

25.2754, 0.2926, 0.2758

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8120, 0.3060, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2754, 0.2926, 0.2758 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(145, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(145, 132, 166)  
}
```

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(145, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 132, 166) }
```

Border

The CSS property to change the border of an element to Yxy 25.2754, 0.2926, 0.2758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

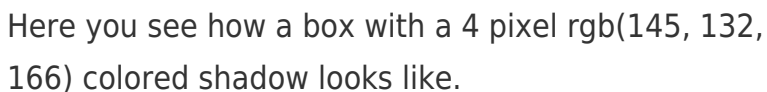
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 132, 166) }
```

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

```
.border{ border-color:rgb(145, 132, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 132, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 132, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 132, 166); box-shadow:4px 4px 4px 4px rgb(145, 132, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2754, 0.2926, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 132, 166) }
```

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

```
.background{ background-color: rgb(145,  
132, 166) }
```

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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