

Converting Colors

$Y_{xy}(25.7929, 0.2918, 0.2797)$

Have a look what the booklet for
Yxy(25.7929, 0.2918, 0.2797)
contains.

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Color

Yxy(25.7327, 0.2916, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	9086A6
RGB	144, 134, 166
RGB Percent	56%, 53%, 65%
CMY	0.4355, 0.4744, 0.3490
CMYK	0.13, 0.19, 0.00, 0.35
HSL	259°, 15%, 59%
HSV	259°, 19%, 65%
XYZ	26.9045, 25.7327, 39.6278
YIQ	140.6380, -4.3120, 12.0720

Conversions

Conversions Part 2

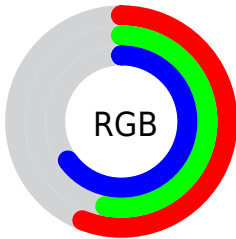
Format	Color
RYB	144, 134, 166
Decimal	9471654
CIELab	57.78, 10.27, -15.58
CIELCh	58, 18.662, 303.382
Yxy	25.7327, 0.2916, 0.2789
Android (android.graphics.Color)	4287661734 (0xFF9086A6)
YUV	140.6380, 12.5035, 2.9485
Hunter-Lab	50.7274, 5.8987, -10.8076

Details

The Yxy color **25.7327, 0.2916, 0.2789** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.0707, 0.3313, 0.3774**, and the grayscale version is **26.4373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7669, 0.2963, 0.2889**, and **9.8827, 0.2831, 0.2610** is the 20% darker color. If you saturate the color by 10%, you get **20.5205, 0.2783, 0.2495**, and if you desaturate by 10%, it is **31.7718, 0.3033, 0.3061**.

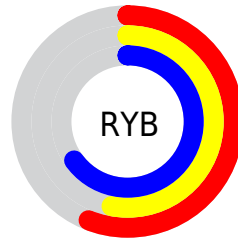
Distribution



Red (56%)

Green (53%)

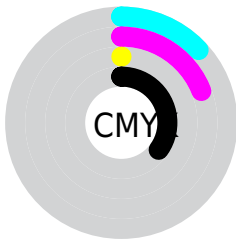
Blue (65%)



Red (56%)

Yellow (53%)

Blue (65%)

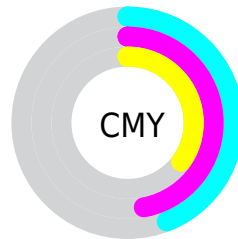


Cyan (13%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7327, 0.2916, 0.2789 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 25.7327, 0.2916, 0.2789 by changing the saturation by 10% instead.

■ 25.7327, 0.2916,
0.2789

■ 25.7327, 0.2916,
0.2789

■ 281.4674, 0.3034,
0.3056

■ 16.6238, 0.2882,
0.2716

■ 52.8434, 0.2962,
0.2890

■ 9.9666, 0.2835,
0.2619

■ 71.6140, 0.2978,
0.2927

■ 5.3768, 0.2767,
0.2484

■ 94.3739, 0.2992,
0.2958

■ 2.4700, 0.2660,
0.2281

■ 121.5076, 0.3003,
0.2984

■ 0.8616, 0.2469,
0.1950

■ 153.3994, 0.3012,
0.3006

■ 0.0000, 0.0206,
0.0000

■ 190.4337, 0.3020,

■ 0.0000, 0.0000,

0.3025

0.0000

232.9949, 0.3027,
0.3042

■ 25.7327, 0.2916,
0.2789

■ 25.7327, 0.2916,
0.2789

■ 20.5205, 0.2783,
0.2495

■ 31.7718, 0.3033,
0.3061

■ 16.0954, 0.2635,
0.2185

■ 38.6690, 0.3134,
0.3307

■ 12.4191, 0.2475,
0.1868

■ 46.4575, 0.3221,
0.3528

■ 9.4486, 0.2308,
0.1559

■ 55.1680, 0.3295,
0.3724

■ 7.1366, 0.2141,
0.1276

■ 64.8297, 0.3357,
0.3898

■ 5.4296, 0.1983,
0.1036

■ 75.4705, 0.3410,
0.4051

■ 4.2656, 0.1845,
0.0855

■ 87.1170, 0.3454,
0.4186

■ 3.5212, 0.1730,
0.0731

■ 92.0190, 0.3521,
0.4204

■ 3.4727, 0.1722,
0.0723

■ 94.0350, 0.3599,
0.4180

Harmonies

Analogous

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



25.7327, 0.2667, 0.2777



25.7327, 0.2916, 0.2789



25.7327, 0.3234, 0.2919

Triad

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



25.7327, 0.2916, 0.2789



25.7327, 0.3748, 0.3648



25.7327, 0.2725, 0.3436

Complementary

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



25.7327, 0.2916, 0.2789



36.0707, 0.3313, 0.3774

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.



25.7327, 0.2999, 0.3708



25.7327, 0.2916, 0.2789



25.7327, 0.3593, 0.3820

Square

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



25.7327, 0.2916, 0.2789



25.7327, 0.3728, 0.3398



25.7327, 0.3317, 0.3851



25.7327, 0.2561, 0.3133

Rectangle

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



25.7327, 0.2916, 0.2789



25.7327, 0.3443, 0.3057



25.7327, 0.3317, 0.3851



25.7327, 0.2807, 0.3536

Sweetspot

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



25.7338, 0.2916, 0.2789



61.4404, 0.3066, 0.3141



31.7376, 0.2836, 0.3139



13.5806, 0.3060, 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.



25.7338, 0.2916, 0.2789



42.5894, 0.2863, 0.2669



27.2415, 0.3080, 0.2813



7.4094, 0.3033, 0.3060



2.7150, 0.1731, 0.0727



0.0929, 0.2114, 0.0938

Inverse Universe

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



27.5649, 0.3253, 0.2963



46.5425, 0.3285, 0.2890



34.6079, 0.3162, 0.3797



7.6263, 0.3183, 0.3136



7.2446, 0.4166, 0.2069



0.1848, 0.3784, 0.1858

Previews

White Background



This preview shows how the Yxy color 25.7327, 0.2916, 0.2789 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 25.7327, 0.2916, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

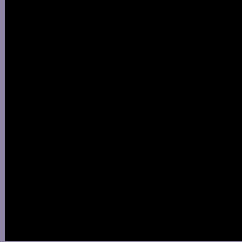
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7327, 0.2916, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 25.7327, 0.2916, 0.2789.



This preview shows how white text looks on a background with the Yxy color 25.7327, 0.2916, 0.2789.

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

25.7327, 0.2916, 0.2789

Protanopia

25.9096, 0.2782, 0.2808

Deuteranopia

25.8505, 0.2867, 0.2814



Tritanopia

25.6922, 0.3060, 0.3110

Trichromacy



Original Color

25.7327, 0.2916, 0.2789

Protanomaly

25.9156, 0.2829, 0.2812

Deuteranomaly

25.7438, 0.2886, 0.2801

Tritanomaly

25.7257, 0.3001, 0.2984

Monochromacy



Original Color

25.7327, 0.2916, 0.2789

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1297, 0.3050, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7327, 0.2916, 0.2789 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(144, 134, 166)` looks like.

```
.text, #text, p{  
    color:rgb(144, 134, 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(144, 134, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 134, 166) }
```

Border

The CSS property to change the border of an element to Yxy 25.7327, 0.2916, 0.2789 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(144, 134, 166) }
```

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

```
.border{ border-color:rgb(144, 134, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 134, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 134, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 134, 166);  
box-shadow:4px 4px 4px 4px rgb(144, 134,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7327, 0.2916, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 134, 166) }
```

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

```
.background{ background-color: rgb(144,  
134, 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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