

Converting Colors

$Yxy(25.7717, 0.3997, 0.3188)$

Have a look what the booklet for
Yxy(25.7717, 0.3997, 0.3188)
contains.

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Color

Yxy(25.9069, 0.4002, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	C2767D
RGB	194, 118, 125
RGB Percent	76%, 46%, 49%
CMY	0.2392, 0.5373, 0.5097
CMYK	0.00, 0.39, 0.36, 0.24
HSL	354°, 38%, 61%
HSV	354°, 39%, 76%
XYZ	32.4302, 25.9069, 22.6979
YIQ	141.5220, 43.0490, 18.2890

Conversions

Conversions Part 2

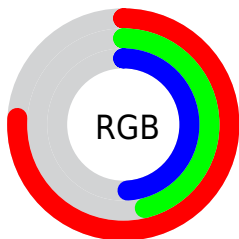
Format	Color
RYB	194, 118, 125
Decimal	12744317
CIELab	57.95, 30.64, 8.91
CIElCh	58, 31.913, 16.213
Yxy	25.9069, 0.4002, 0.3197
Android (android.graphics.Color)	4290934397 (0xFFC2767D)
YUV	141.5220, -8.1453, 46.0232
Hunter-Lab	50.8988, 24.6585, 9.1893

Details

The Yxy color **25.9069, 0.4002, 0.3197** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **46.0256, 0.2632, 0.3390**, and the grayscale version is **26.8728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0356, 0.3807, 0.3218**, and **10.0593, 0.4334, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **21.3883, 0.4358, 0.3176**, and if you desaturate by 10%, it is **31.4475, 0.3706, 0.3221**.

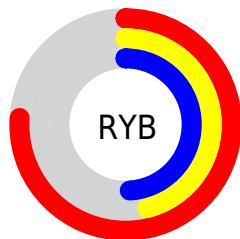
Distribution



Red (76%)

Green (46%)

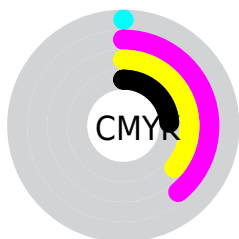
Blue (49%)



Red (76%)

Yellow (46%)

Blue (49%)

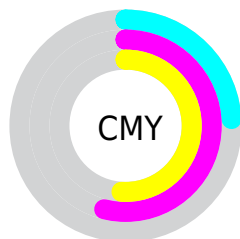


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9069, 0.4002, 0.3197 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 25.9069, 0.4002, 0.3197 by changing the saturation by 10% instead.


 25.9069, 0.4002,
0.3197


 25.9069, 0.4002,
0.3197


282.3248, 0.3518,
0.3259


 16.7540, 0.4140,
0.3175


 53.1247, 0.3814,
0.3224

 10.0593, 0.4329,
0.3142


 71.9584, 0.3747,
0.3233

 5.4383, 0.4602,
0.3088


 94.7879, 0.3692,
0.3239

 2.5066, 0.5027,
0.2990

121.9974, 0.3646,
0.3245

 0.8800, 0.6002,
0.2895

153.9715, 0.3607,
0.3249

 0.0000, 1.0000,
0.0000

191.0945, 0.3573,

 0.0000, 0.0000,

0.3253

0.0000

233.7508, 0.3544,
0.3256

■ 25.9069, 0.4002,
0.3197

■ 25.9069, 0.4002,
0.3197

■ 21.3883, 0.4358,
0.3176

■ 31.4475, 0.3706,
0.3221

■ 17.8256, 0.4771,
0.3162

■ 38.0634, 0.3465,
0.3246

■ 15.1511, 0.5220,
0.3160


■ 45.8084, 0.3271,
0.3270


■ 13.2865, 0.5661,
0.3174


■ 54.7319, 0.3116,
0.3292


■ 12.1398, 0.6033,
0.3205


■ 64.8803, 0.2990,
0.3312

 11.5531, 0.6285,
0.3243

 76.2975, 0.2889,
0.3331

 11.5136, 0.6301,
0.3245

 89.0251, 0.2806,
0.3348

 90.2102, 0.2773,
0.3289

Harmonies

Analogous

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



25.9069, 0.3536, 0.2816



25.9069, 0.4002, 0.3197



25.9069, 0.4209, 0.3622

Triad

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



25.9069, 0.4002, 0.3197



25.9069, 0.3196, 0.4212



25.9069, 0.2224, 0.2515

Complementary

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



25.9069, 0.4002, 0.3197



46.0256, 0.2632, 0.3390

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.



25.9069, 0.2153, 0.2810



25.9069, 0.4002, 0.3197



25.9069, 0.2685, 0.3839

Square

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



25.9069, 0.4002, 0.3197



25.9069, 0.3714, 0.4255



25.9069, 0.2312, 0.3295



25.9069, 0.2512, 0.2433

Rectangle

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



25.9069, 0.4002, 0.3197



25.9069, 0.4166, 0.3892



25.9069, 0.2312, 0.3295



25.9069, 0.2175, 0.2590

Sweetspot

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



25.9082, 0.4002, 0.3197



78.5386, 0.3325, 0.3262



27.3423, 0.3091, 0.2311



16.7813, 0.3351, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.9082, 0.4002, 0.3197



39.8107, 0.4304, 0.3179



34.0846, 0.3929, 0.3702



10.0927, 0.3275, 0.3269



7.5747, 0.6282, 0.3234



0.3325, 0.5903, 0.3025

Inverse Universe

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



25.9082, 0.4002, 0.3197



39.8107, 0.4304, 0.3179



34.1563, 0.2522, 0.2832



10.0927, 0.3275, 0.3269



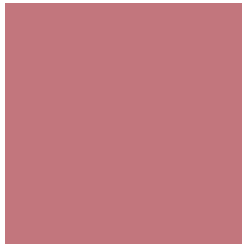
7.5747, 0.6282, 0.3234



0.3325, 0.5903, 0.3025

Previews

White Background



This preview shows how the Yxy color 25.9069, 0.4002, 0.3197 looks on a white background.

Color Contrast Check

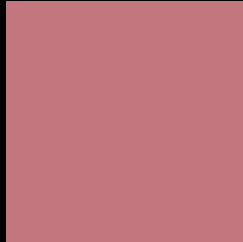
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9069, 0.4002, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

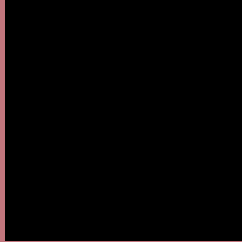
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9069, 0.4002, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 25.9069, 0.4002, 0.3197.



This preview shows how white text looks on a background with the Yxy color 25.9069, 0.4002, 0.3197.

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

25.9069, 0.4002, 0.3197

Protanopia

26.0825, 0.3202, 0.3340

Deuteranopia

26.2067, 0.3559, 0.3497



Tritanopia

25.9585, 0.3976, 0.3170

Trichromacy



Original Color

25.9069, 0.4002, 0.3197

Protanomaly

25.5799, 0.3481, 0.3275

Deuteranomaly

25.9012, 0.3714, 0.3382

Tritanomaly

25.9326, 0.3989, 0.3184

Monochromacy



Original Color

25.9069, 0.4002, 0.3197

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1297, 0.3418, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9069, 0.4002, 0.3197 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(194, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(194, 118, 125)  
}
```

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(194, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 118, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.9069, 0.4002, 0.3197 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(194, 118, 125) }
```

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

```
.border{ border-color:rgb(194, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 118,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9069, 0.4002, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 118, 125) }
```

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

```
.background{ background-color: rgb(194,  
118, 125) }
```

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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