

Converting Colors

$Yxy(25.7176, 0.3836, 0.3357)$

Have a look what the booklet for
Yxy(25.7176, 0.3836, 0.3357)
contains.

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Color

Yxy(25.6314, 0.3840, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	B37D79
RGB	179, 125, 121
RGB Percent	70%, 49%, 47%
CMY	0.2981, 0.5097, 0.5255
CMYK	0.00, 0.30, 0.32, 0.30
HSL	4°, 28%, 59%
HSV	4°, 32%, 70%
XYZ	29.3717, 25.6314, 21.4857
YIQ	140.6900, 33.4680, 10.2040

Conversions

Conversions Part 2

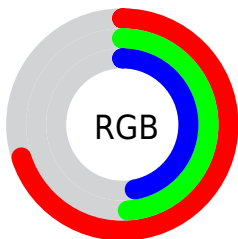
Format	Color
RYB	179, 125, 121
Decimal	11763065
CIELab	57.69, 20.43, 10.61
CIElCh	58, 23.018, 27.437
Yxy	25.6314, 0.3840, 0.3351
Android (android.graphics.Color)	4289953145 (0xFFB37D79)
YUV	140.6900, -9.7072, 33.5979
Hunter-Lab	50.6275, 14.9594, 10.2772

Details

The Yxy color **25.6314, 0.3840, 0.3351** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.9630, 0.2665, 0.3228**, and the grayscale version is **26.5375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6908, 0.3689, 0.3348**, and **10.0099, 0.4103, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **21.3633, 0.4171, 0.3370**, and if you desaturate by 10%, it is **30.6907, 0.3567, 0.3331**.

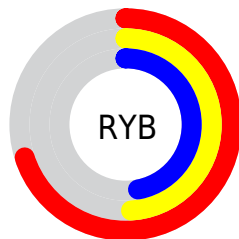
Distribution



Red (70%)

Green (49%)

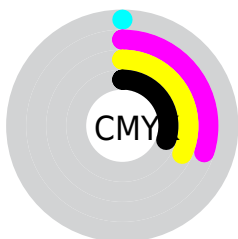
Blue (47%)



Red (70%)

Yellow (49%)

Blue (47%)

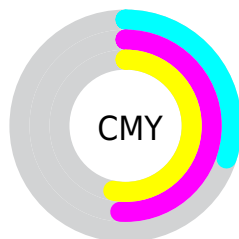


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (30%)



Cyan (30%)


Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6314, 0.3840, 0.3351 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 25.6314, 0.3840, 0.3351 by changing the saturation by 10% instead.


 25.6314, 0.3840,
0.3351


 25.6314, 0.3840,
0.3351


280.9679, 0.3445,
0.3327


 16.5481, 0.3954,
0.3354


 52.6797, 0.3686,
0.3344

 9.9128, 0.4110,
0.3355


 71.4135, 0.3631,
0.3341

 5.3412, 0.4337,
0.3350

 94.1329, 0.3586,
0.3338

 2.4488, 0.4694,
0.3327

121.2223, 0.3549,
0.3335

 0.8508, 0.5745,
0.3495

153.0661, 0.3517,
0.3333

 0.0000, 1.0000,
0.0000

190.0487, 0.3489,

 0.0000, 0.0000,

0.3331

0.0000

232.5545, 0.3465,
0.3328

■ 25.6314, 0.3840,
0.3351

■ 25.6314, 0.3840,
0.3351

■ 21.3633, 0.4171,
0.3370

■ 30.6907, 0.3567,
0.3331

■ 17.8430, 0.4562,
0.3386

■ 36.5744, 0.3345,
0.3312

■ 15.0284, 0.5001,
0.3396


■ 43.3185, 0.3165,
0.3294


■ 12.8719, 0.5457,
0.3396


■ 50.9556, 0.3019,
0.3278

■ 11.3199, 0.5876,
0.3383


■ 59.5165, 0.2900,
0.3263

 10.3106, 0.6190,
0.3357

 69.0308, 0.2803,
0.3249

 9.8546, 0.6348,
0.3341

 79.5267, 0.2723,
0.3237

 88.3216, 0.2696,
0.3289

Harmonies

Analogous

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



25.6314, 0.3565, 0.3042



25.6314, 0.3840, 0.3351



25.6314, 0.3907, 0.3665

Triad

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



25.6314, 0.3840, 0.3351



25.6314, 0.3041, 0.3865



25.6314, 0.2520, 0.2678

Complementary

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



25.6314, 0.3840, 0.3351



37.9630, 0.2665, 0.3228

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.



25.6314, 0.2402, 0.2848



25.6314, 0.3840, 0.3351



25.6314, 0.2689, 0.3545

Square

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



25.6314, 0.3840, 0.3351



25.6314, 0.3431, 0.3997



25.6314, 0.2461, 0.3161



25.6314, 0.2796, 0.2665

Rectangle

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



25.6314, 0.3840, 0.3351



25.6314, 0.3826, 0.3841



25.6314, 0.2461, 0.3161



25.6314, 0.2462, 0.2717

Sweetspot

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



25.6326, 0.3840, 0.3351



68.0778, 0.3301, 0.3308



26.3542, 0.3206, 0.2547



14.7275, 0.3328, 0.3310



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.6326, 0.3840, 0.3351



40.2291, 0.4074, 0.3365



34.0247, 0.3710, 0.3761



8.5968, 0.3285, 0.3306



7.0028, 0.6338, 0.3349



0.2515, 0.6094, 0.3543

Inverse Universe

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



37.9630, 0.2665, 0.3228



65.8100, 0.2576, 0.3212



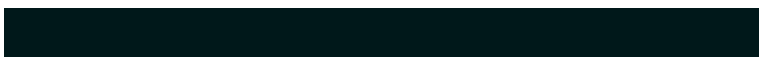
27.9135, 0.2609, 0.2767



9.5286, 0.2986, 0.3274



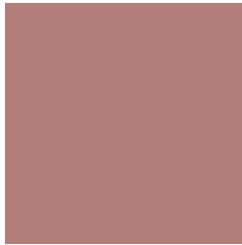
21.7621, 0.2188, 0.3075



0.7146, 0.2205, 0.3139

Previews

White Background



This preview shows how the Yxy color 25.6314, 0.3840, 0.3351 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 25.6314, 0.3840, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

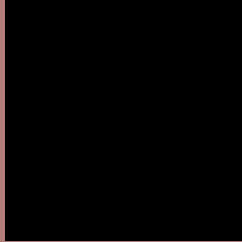
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6314, 0.3840, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 25.6314, 0.3840, 0.3351.



This preview shows how white text looks on a background with the Yxy color 25.6314, 0.3840, 0.3351.

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

25.6314, 0.3840, 0.3351

Protanopia

25.6648, 0.3298, 0.3457

Deuteranopia

25.7530, 0.3585, 0.3530



Tritanopia

25.5627, 0.3710, 0.3147

Trichromacy



Original Color

25.6314, 0.3840, 0.3351

Protanomaly

25.4238, 0.3496, 0.3419

Deuteranomaly

25.6957, 0.3669, 0.3462

Tritanomaly

25.7036, 0.3756, 0.3219

Monochromacy



Original Color

25.6314, 0.3840, 0.3351

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0177, 0.3366, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6314, 0.3840, 0.3351 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(179, 125, 121)` looks like.

```
.text, #text, p{  
    color:rgb(179, 125, 121)  
}
```

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(179, 125, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 125, 121) }
```

Border

The CSS property to change the border of an element to Yxy 25.6314, 0.3840, 0.3351 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(179, 125, 121) }
```

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

```
.border{ border-color:rgb(179, 125, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 125, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 125, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 125, 121);  
box-shadow:4px 4px 4px 4px rgb(179, 125,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6314, 0.3840, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 125, 121) }
```

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

```
.background{ background-color: rgb(179,  
125, 121) }
```

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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