

Converting Colors

$Y_{xy}(25.7319, 0.4055, 0.4306)$

Have a look what the booklet for
Yxy(25.7319, 0.4055, 0.4306)
contains.

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Color

Yxy(25.6283, 0.4060, 0.4297)

Conversions

Conversions Part 1

Format	Color
Hex	9E8948
RGB	158, 137, 72
RGB Percent	62%, 54%, 28%
CMY	0.3804, 0.4627, 0.7177
CMYK	0.00, 0.13, 0.54, 0.38
HSL	45°, 37%, 45%
HSV	45°, 54%, 62%
XYZ	24.2148, 25.6283, 9.7992
YIQ	135.8690, 33.3810, -15.7630

Conversions

Conversions Part 2

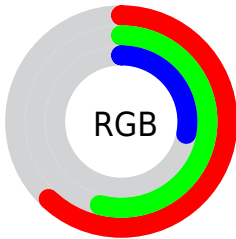
Format	Color
RYB	100, 158, 72
Decimal	10389832
CIELab	57.68, -0.63, 37.41
CIElCh	58, 37.417, 90.961
Yxy	25.6283, 0.4060, 0.4297
Android (android.graphics.Color)	4288579912 (0xFF9E8948)
YUV	135.8690, -31.4874, 19.4089
Hunter-Lab	50.6244, -3.2122, 23.9605

Details

The Yxy color **25.6283, 0.4060, 0.4297** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6703, 0.2186, 0.2000**, and the grayscale version is **24.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5282, 0.3876, 0.4100**, and **9.8254, 0.4342, 0.4596** is the 20% darker color. If you saturate the color by 10%, you get **24.3724, 0.4235, 0.4444**, and if you desaturate by 10%, it is **26.9788, 0.3878, 0.4126**.

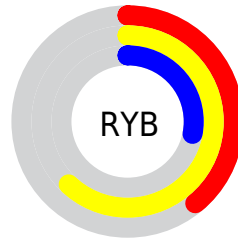
Distribution



Red (62%)

Green (54%)

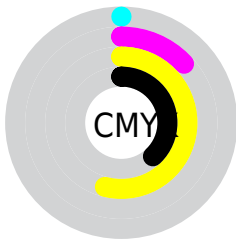
Blue (28%)



Red (39%)

Yellow (62%)

Blue (28%)

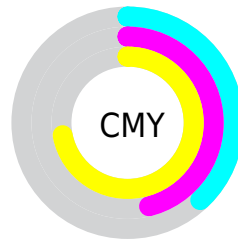


Cyan (0%)

Magenta (13%)

Yellow (54%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6283, 0.4060, 0.4297 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 25.6283, 0.4060, 0.4297 by changing the saturation by 10% instead.

■ 25.6283, 0.4060,
0.4297

■ 25.6283, 0.4060,
0.4297

280.9526, 0.3566,
0.3761

■ 16.5458, 0.4184,
0.4433

■ 52.6747, 0.3877,
0.4098

■ 9.9112, 0.4338,
0.4602

■ 71.4074, 0.3809,
0.4025

■ 5.3401, 0.4533,
0.4817

■ 94.1255, 0.3752,
0.3963

■ 2.4482, 0.4841,
0.5159

■ 121.2136, 0.3703,
0.3910

■ 0.8505, 0.4825,
0.5175

■ 153.0559, 0.3661,
0.3865

■ 0.0000, 0.0000,
0.0000

190.0369, 0.3625,

0.3826

232.5410, 0.3594,
0.3792

■ 25.6283, 0.4060,
0.4297

■ 25.6283, 0.4060,
0.4297

■ 24.3724, 0.4235,
0.4444

■ 26.9788, 0.3878,
0.4126

■ 23.2030, 0.4395,
0.4556

■ 28.4243, 0.3695,
0.3939

■ 22.1159, 0.4531,
0.4627

■ 29.9698, 0.3517,
0.3747

■ 21.1051, 0.4640,
0.4651

■ 31.6189, 0.3349,
0.3556

■ 20.5671, 0.4695,
0.4654

■ 33.3748, 0.3193,
0.3370

■ 35.2407, 0.3049,
0.3193

■ 37.2193, 0.2918,
0.3027

■ 39.3136, 0.2799,
0.2873

■ 41.5262, 0.2693,
0.2731

Harmonies

Analogous

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



25.6283, 0.4372, 0.3893



25.6283, 0.4060, 0.4297



25.6283, 0.3513, 0.4459

Triad

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



25.6283, 0.4060, 0.4297



25.6283, 0.2059, 0.2982



25.6283, 0.3269, 0.2563

Complementary

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



25.6283, 0.4060, 0.4297



11.6703, 0.2186, 0.2000

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.



25.6283, 0.2653, 0.2340



25.6283, 0.4060, 0.4297



25.6283, 0.2011, 0.2524

Square

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



25.6283, 0.4060, 0.4297



25.6283, 0.2367, 0.3626



25.6283, 0.2214, 0.2316



25.6283, 0.3904, 0.2941

Rectangle

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



25.6283, 0.4060, 0.4297



25.6283, 0.3097, 0.4346



25.6283, 0.2214, 0.2316



25.6283, 0.3052, 0.2469

Sweetspot

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



25.6295, 0.4060, 0.4297



56.8477, 0.3380, 0.3591



12.7009, 0.4276, 0.2949



12.6844, 0.3412, 0.3628



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.6295, 0.4060, 0.4297



43.8625, 0.4266, 0.4467



30.1951, 0.3661, 0.4679



7.4459, 0.3266, 0.3458



16.5371, 0.4690, 0.4658



0.3566, 0.4457, 0.4843

Inverse Universe

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



11.6703, 0.2186, 0.2000



15.9863, 0.1980, 0.1669



9.4546, 0.2331, 0.1689



6.6851, 0.2988, 0.3116



3.1702, 0.1586, 0.0907



0.1164, 0.1780, 0.1607

Previews

White Background



This preview shows how the Yxy color 25.6283, 0.4060, 0.4297 looks on a white background.

Color Contrast Check

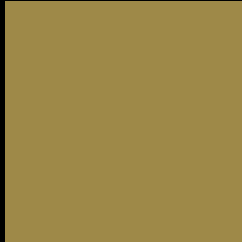
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6283, 0.4060, 0.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

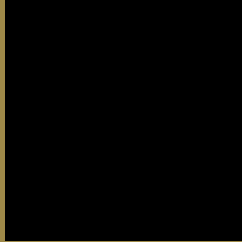
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6283, 0.4060, 0.4297

Background



This preview shows how black text looks on a background with the Yxy color 25.6283, 0.4060, 0.4297.



This preview shows how white text looks on a background with the Yxy color 25.6283, 0.4060, 0.4297.

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

25.6283, 0.4060, 0.4297

Protanopia

25.7186, 0.3974, 0.4336

Deuteranopia

25.5296, 0.4238, 0.4157



Tritanopia

25.4571, 0.3428, 0.3137

Trichromacy



Original Color

25.6283, 0.4060, 0.4297

Protanomaly

25.6266, 0.4006, 0.4312

Deuteranomaly

25.6382, 0.4173, 0.4203

Tritanomaly

25.4217, 0.3675, 0.3560

Monochromacy



Original Color

25.6283, 0.4060, 0.4297

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7299, 0.3466, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6283, 0.4060, 0.4297 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(158, 137, 72)` looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 72)  
}
```

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(158, 137, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 72) }
```

Border

The CSS property to change the border of an element to Yxy 25.6283, 0.4060, 0.4297 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(158, 137, 72) }
```

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

```
.border{ border-color:rgb(158, 137, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 137, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 137, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 137, 72);  
box-shadow:4px 4px 4px 4px rgb(158, 137,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6283, 0.4060, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 72) }
```

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

```
.background{ background-color: rgb(158,  
137, 72) }
```

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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