

Converting Colors

$Y_{xy}(25.6566, 0.3815, 0.4217)$

Have a look what the booklet for
Yxy(25.6566, 0.3815, 0.4217)
contains.

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Color

Yxy(25.6766, 0.3811, 0.4227)

Conversions

Conversions Part 1

Format	Color
Hex	948C53
RGB	148, 140, 83
RGB Percent	58%, 55%, 33%
CMY	0.4197, 0.4509, 0.6745
CMYK	0.00, 0.05, 0.44, 0.42
HSL	53°, 28%, 45%
HSV	53°, 44%, 58%
XYZ	23.1496, 25.6766, 11.9180
YIQ	135.8940, 23.0650, -16.0310

Conversions

Conversions Part 2

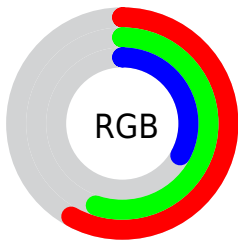
Format	Color
RYB	92, 148, 83
Decimal	9735251
CIELab	57.73, -5.54, 31.45
CIELCh	58, 31.933, 99.999
Yxy	25.6766, 0.3811, 0.4227
Android (android.graphics.Color)	4287925331 (0xFF948C53)
YUV	135.8940, -26.0767, 10.6170
Hunter-Lab	50.6721, -7.1281, 21.5255

Details

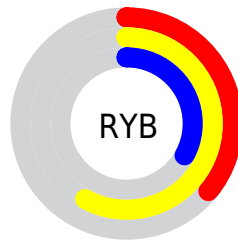
The Yxy color $25.6766, 0.3811, 0.4227$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.4528, 0.2357, 0.2135$, and the grayscale version is $24.6714, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5299, 0.3680, 0.4033$, and $9.9265, 0.4027, 0.4544$ is the 20% darker color. If you saturate the color by 10%, you get $24.9468, 0.3963, 0.4419$, and if you desaturate by 10%, it is $26.4663, 0.3652, 0.4018$.

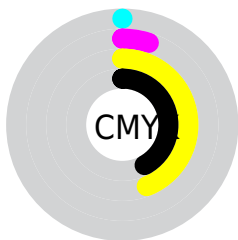
Distribution



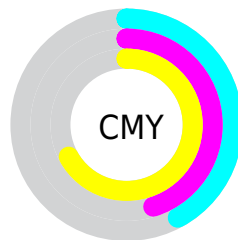
- Red (58%)
- Green (55%)
- Blue (33%)



- Red (36%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (44%)
- Black (42%)




- Cyan (42%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6766, 0.3811, 0.4227 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 25.6766, 0.3811, 0.4227 by changing the saturation by 10% instead.


 25.6766, 0.3811,
0.4227


 25.6766, 0.3811,
0.4227


281.1909, 0.3448,
0.3714


 16.5819, 0.3904,
0.4367


 52.7528, 0.3676,
0.4031

 9.9368, 0.4022,
0.4550


 71.5030, 0.3626,
0.3960

 5.3571, 0.4169,
0.4797

 94.2405, 0.3584,
0.3902

 2.4583, 0.4582,
0.5418

 121.3496, 0.3548,
0.3852

 0.8556, 0.4421,
0.5579

 153.2149, 0.3518,
0.3810

 0.0000, 0.0000,
0.0000

190.2205, 0.3491,

0.3774

232.7511, 0.3468,
0.3742

■ 25.6766, 0.3811,
0.4227

■ 25.6766, 0.3811,
0.4227

■ 24.9468, 0.3963,
0.4419

■ 26.4663, 0.3652,
0.4018

■ 24.2702, 0.4102,
0.4584

■ 27.3152, 0.3491,
0.3802

■ 23.6445, 0.4222,
0.4715

■ 28.2273, 0.3334,
0.3584

■ 23.0655, 0.4317,
0.4805

■ 29.2050, 0.3184,
0.3371

■ 22.5284, 0.4387,
0.4852

■ 30.2507, 0.3042,
0.3167

■ 22.2138, 0.4422,
0.4871

■ 31.3665, 0.2911,
0.2976

■ 32.5547, 0.2791,
0.2797

■ 33.8171, 0.2681,
0.2632

■ 35.1558, 0.2582,
0.2481

Harmonies

Analogous

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



25.6766, 0.4146, 0.3941



25.6766, 0.3811, 0.4227



25.6766, 0.3308, 0.4253

Triad

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



25.6766, 0.3811, 0.4227



25.6766, 0.2164, 0.2896



25.6766, 0.3423, 0.2747

Complementary

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



25.6766, 0.3811, 0.4227



11.4528, 0.2357, 0.2135

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.



25.6766, 0.2872, 0.2504



25.6766, 0.3811, 0.4227



25.6766, 0.2188, 0.2556

Square

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



25.6766, 0.3811, 0.4227



25.6766, 0.2371, 0.3410



25.6766, 0.2433, 0.2430



25.6766, 0.3925, 0.3111

Rectangle

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



25.6766, 0.3811, 0.4227



25.6766, 0.2951, 0.4080



25.6766, 0.2433, 0.2430



25.6766, 0.3235, 0.2650

Sweetspot

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



25.6778, 0.3811, 0.4227



49.9281, 0.3324, 0.3570



13.2467, 0.4084, 0.3142



11.3200, 0.3356, 0.3614



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.6778, 0.3811, 0.4227



44.0110, 0.3965, 0.4421



26.0954, 0.3488, 0.4444



6.6245, 0.3262, 0.3483



19.0055, 0.4421, 0.4872



0.2601, 0.4296, 0.4971

Inverse Universe

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



11.4528, 0.2357, 0.2135



15.5070, 0.2157, 0.1816



11.4380, 0.2615, 0.2066



5.7409, 0.2989, 0.3090



2.2239, 0.1532, 0.0715



0.0495, 0.1663, 0.1185

Previews

White Background



This preview shows how the Yxy color 25.6766, 0.3811, 0.4227 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 25.6766, 0.3811, 0.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

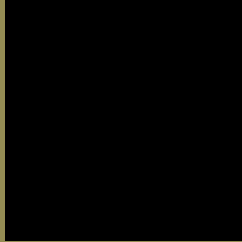
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6766, 0.3811, 0.4227

Background



This preview shows how black text looks on a background with the Yxy color 25.6766, 0.3811, 0.4227.



This preview shows how white text looks on a background with the Yxy color 25.6766, 0.3811, 0.4227.

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

25.6766, 0.3811, 0.4227

Protanopia

25.7652, 0.3866, 0.4195

Deuteranopia

25.4832, 0.4090, 0.4003



Tritanopia

25.6283, 0.3260, 0.3132

Trichromacy



Original Color

25.6766, 0.3811, 0.4227

Protanomaly

25.6691, 0.3854, 0.4200

Deuteranomaly

25.5451, 0.3993, 0.4087

Tritanomaly

25.6642, 0.3472, 0.3536

Monochromacy



Original Color

25.6766, 0.3811, 0.4227

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7511, 0.3372, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6766, 0.3811, 0.4227 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(148, 140, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 83)  
}
```

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(148, 140, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 83) }
```

Border

The CSS property to change the border of an element to Yxy 25.6766, 0.3811, 0.4227 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(148, 140, 83) }
```

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

```
.border{ border-color:rgb(148, 140, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6766, 0.3811, 0.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 83) }
```

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

```
.background{ background-color: rgb(148,  
140, 83) }
```

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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