

Converting Colors

$Y_{xy}(25.4381, 0.3718, 0.4212)$

Have a look what the booklet for
Yxy(25.4381, 0.3718, 0.4212)
contains.

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Color

Yxy(25.5613, 0.3716, 0.4215)

Conversions

Conversions Part 1

Format	Color
Hex	8F8D56
RGB	143, 141, 86
RGB Percent	56%, 55%, 34%
CMY	0.4391, 0.4471, 0.6628
CMYK	0.00, 0.01, 0.40, 0.44
HSL	58°, 25%, 45%
HSV	58°, 40%, 56%
XYZ	22.5352, 25.5613, 12.5472
YIQ	135.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

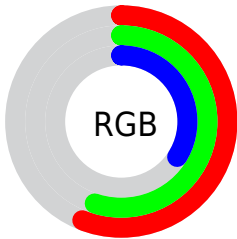
Format	Color
RYB	88, 143, 86
Decimal	9407830
CIELab	57.62, -7.86, 29.60
CIELCh	58, 30.627, 104.862
Yxy	25.5613, 0.3716, 0.4215
Android (android.graphics.Color)	4287597910 (0xFF8F8D56)
YUV	135.3280, -24.3187, 6.7283
Hunter-Lab	50.5582, -8.9144, 20.6766

Details

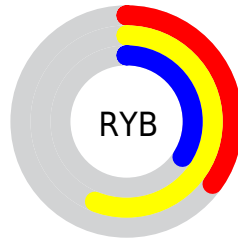
The Yxy color **25.5613, 0.3716, 0.4215** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.9439, 0.2424, 0.2159**, and the grayscale version is **24.4451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8421, 0.3597, 0.4017**, and **9.8528, 0.3890, 0.4551** is the 20% darker color. If you saturate the color by 10%, you get **25.2048, 0.3854, 0.4427**, and if you desaturate by 10%, it is **25.9669, 0.3569, 0.3987**.

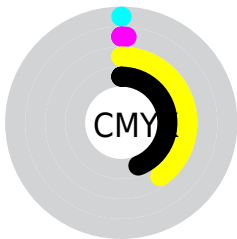
Distribution



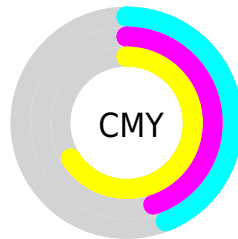
- Red (56%)
- Green (55%)
- Blue (34%)



- Red (35%)
- Yellow (56%)
- Blue (34%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5613, 0.3716, 0.4215 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 25.5613, 0.3716, 0.4215 by changing the saturation by 10% instead.

■ 25.5613, 0.3716,
0.4215

■ 25.5613, 0.3716,
0.4215

280.6218, 0.3404,
0.3704

■ 16.4957, 0.3796,
0.4358

■ 52.5664, 0.3600,
0.4018

■ 9.8756, 0.3897,
0.4548

■ 71.2747, 0.3557,
0.3947

■ 5.3166, 0.4022,
0.4810

■ 93.9660, 0.3521,
0.3889

■ 2.4342, 0.4403,
0.5475

■ 121.0247, 0.3491,
0.3840

■ 0.8434, 0.4196,
0.5804

■ 152.8353, 0.3464,
0.3798

■ 0.0000, 0.0000,
0.0000

189.7821, 0.3442,

0.3762

232.2494, 0.3422,
0.3731

■ 25.5613, 0.3716,
0.4215

■ 25.5613, 0.3716,
0.4215

■ 25.2048, 0.3854,
0.4427

■ 25.9669, 0.3569,
0.3987

■ 24.8913, 0.3978,
0.4615

■ 26.4207, 0.3419,
0.3752

■ 24.6187, 0.4082,
0.4769

■ 26.9263, 0.3270,
0.3516

■ 24.3837, 0.4162,
0.4884

■ 27.4857, 0.3125,
0.3287

■ 24.1821, 0.4218,
0.4959

■ 28.1012, 0.2988,
0.3069

■ 24.0032, 0.4255,
0.5003

■ 28.7746, 0.2860,
0.2864

■ 24.0011, 0.4255,
0.5003

■ 29.5078, 0.2742,
0.2673

■ 30.3026, 0.2633,
0.2498

■ 31.1608, 0.2534,
0.2338

Harmonies

Analogous

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



25.5613, 0.4071, 0.3975



25.5613, 0.3716, 0.4215



25.5613, 0.3219, 0.4185

Triad

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



25.5613, 0.3716, 0.4215



25.5613, 0.2187, 0.2846



25.5613, 0.3498, 0.2817

Complementary

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



25.5613, 0.3716, 0.4215



10.9439, 0.2424, 0.2159

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.



25.5613, 0.2965, 0.2560



25.5613, 0.3716, 0.4215



25.5613, 0.2245, 0.2550

Square

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



25.5613, 0.3716, 0.4215



25.5613, 0.2352, 0.3320



25.5613, 0.2516, 0.2460



25.5613, 0.3954, 0.3184

Rectangle

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



25.5613, 0.3716, 0.4215



25.5613, 0.2879, 0.3985



25.5613, 0.2516, 0.2460



25.5613, 0.3320, 0.2717

Sweetspot

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



25.5625, 0.3716, 0.4215



47.9782, 0.3305, 0.3572



13.2141, 0.4036, 0.3241



10.9785, 0.3322, 0.3598



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.5625, 0.3716, 0.4215



45.1723, 0.3842, 0.4410



24.1312, 0.3405, 0.4349



6.2530, 0.3260, 0.3500



21.2197, 0.4255, 0.5004



0.2095, 0.4221, 0.5030

Inverse Universe

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



10.9439, 0.2424, 0.2159



15.1917, 0.2236, 0.1852



12.0596, 0.2737, 0.2212



5.2838, 0.2990, 0.3071



1.8579, 0.1509, 0.0632



0.0227, 0.1551, 0.0784

Previews

White Background



This preview shows how the Yxy color 25.5613, 0.3716, 0.4215 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 25.5613, 0.3716, 0.4215 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 25.5613, 0.3716, 0.4215

Background



This preview shows how black text looks on a background with the Yxy color 25.5613, 0.3716, 0.4215.



This preview shows how white text looks on a background with the Yxy color 25.5613, 0.3716, 0.4215.

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

25.5613, 0.3716, 0.4215

Protanopia

25.4121, 0.3841, 0.4155

Deuteranopia

25.4226, 0.4045, 0.3963



Tritanopia

25.5478, 0.3202, 0.3130

Trichromacy



Original Color

25.5613, 0.3716, 0.4215

Protanomaly

25.4170, 0.3798, 0.4181

Deuteranomaly

25.2852, 0.3925, 0.4054

Tritanomaly

25.5244, 0.3389, 0.3523

Monochromacy



Original Color

25.5613, 0.3716, 0.4215

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.5789, 0.3349, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5613, 0.3716, 0.4215 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(143, 141, 86)` looks like.

```
.text, #text, p{  
    color:rgb(143, 141, 86)  
}
```

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(143, 141, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 141, 86) }
```

Border

The CSS property to change the border of an element to Yxy 25.5613, 0.3716, 0.4215 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(143, 141, 86) }
```

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

```
.border{ border-color:rgb(143, 141, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 141, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 141, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 141, 86);  
box-shadow:4px 4px 4px 4px rgb(143, 141,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5613, 0.3716, 0.4215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 141, 86) }
```

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

```
.background{ background-color: rgb(143,  
141, 86) }
```

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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