

Converting Colors

$Y_{xy}(25.5219, 0.3936, 0.4686)$

Have a look what the booklet for
Yxy(25.5219, 0.3936, 0.4686)
contains.

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Color

Yxy(25.5932, 0.3937, 0.4682)

Conversions

Conversions Part 1

Format	Color
Hex	8D8F38
RGB	141, 143, 56
RGB Percent	55%, 56%, 22%
CMY	0.4471, 0.4392, 0.7803
CMYK	0.01, 0.00, 0.61, 0.44
HSL	61°, 44%, 39%
HSV	61°, 61%, 56%
XYZ	21.5208, 25.5932, 7.5490
YIQ	132.4840, 26.7350, -27.4810

Conversions

Conversions Part 2

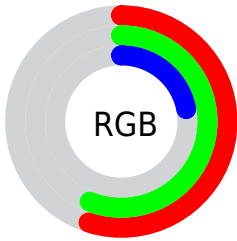
Format	Color
RYB	56, 143, 58
Decimal	9277240
CIELab	57.65, -12.70, 44.82
CIELCh	58, 46.584, 105.824
Yxy	25.5932, 0.3937, 0.4682
Android (android.graphics.Color)	4287467320 (0xFF8D8F38)
YUV	132.4840, -37.7066, 7.4685
Hunter-Lab	50.5897, -12.5983, 26.5656

Details

The Yxy color $25.5932, 0.3937, 0.4682$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $5.7136, 0.2005, 0.1411$, and the grayscale version is $23.3914, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8644, 0.3797, 0.4397$, and $9.9034, 0.4106, 0.5122$ is the 20% darker color. If you saturate the color by 10%, you get $25.4450, 0.4026, 0.4840$, and if you desaturate by 10%, it is $25.7839, 0.3827, 0.4490$.

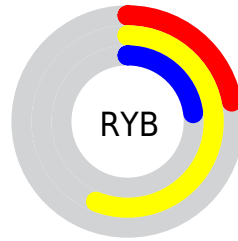
Distribution



Red (55%)

Green (56%)

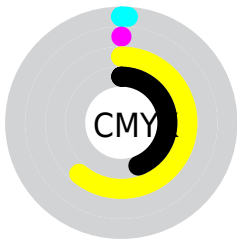
Blue (22%)



Red (22%)

Yellow (56%)

Blue (23%)

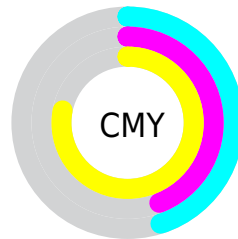


Cyan (1%)

Magenta (0%)

Yellow (61%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5932, 0.3937, 0.4682 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 25.5932, 0.3937, 0.4682 by changing the saturation by 10% instead.


 25.5932, 0.3937,
0.4682


 25.5932, 0.3937,
0.4682


 280.7794, 0.3532,
0.3925


 16.5196, 0.4022,
0.4878


 52.6179, 0.3797,
0.4397


 9.8925, 0.4111,
0.5124


 71.3378, 0.3742,
0.4293


 5.3278, 0.4262,
0.5531

 94.0419, 0.3694,
0.4205

 2.4408, 0.4193,
0.5807

 121.1146, 0.3653,
0.4131

 0.8468, 0.3688,
0.6312

 152.9403, 0.3617,
0.4068

 0.0000, 0.0000,
0.0000

 189.9034, 0.3585,

0.4014

232.3883, 0.3557,
0.3966

■ 25.5932, 0.3937,
0.4682

■ 25.5932, 0.3937,
0.4682

■ 25.4450, 0.4026,
0.4840

■ 25.7839, 0.3827,
0.4490

■ 25.3321, 0.4091,
0.4959

■ 26.0165, 0.3701,
0.4271

■ 25.2517, 0.4132,
0.5037

■ 26.2951, 0.3564,
0.4036

■ 25.1961, 0.4154,
0.5084

■ 26.6222, 0.3422,
0.3792

■ 27.0002, 0.3279,
0.3548

■ 27.4313, 0.3139,
0.3309

■ 27.9176, 0.3004,
0.3082

■ 28.4610, 0.2877,
0.2868

■ 29.0635, 0.2760,
0.2669

Harmonies

Analogous

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



25.5932, 0.4500, 0.4259



25.5932, 0.3937, 0.4682



25.5932, 0.3197, 0.4695

Triad

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



25.5932, 0.3937, 0.4682



25.5932, 0.1772, 0.2576



25.5932, 0.3703, 0.2614

Complementary

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



25.5932, 0.3937, 0.4682



5.7136, 0.2005, 0.1411

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.



25.5932, 0.2891, 0.2253



25.5932, 0.3937, 0.4682



25.5932, 0.1866, 0.2191

Square

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



25.5932, 0.3937, 0.4682



25.5932, 0.1973, 0.3277



25.5932, 0.2243, 0.2098



25.5932, 0.4406, 0.3119

Rectangle

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



25.5932, 0.3937, 0.4682



25.5932, 0.2702, 0.4375



25.5932, 0.2243, 0.2098



25.5932, 0.3427, 0.2474

Sweetspot

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



25.5944, 0.3937, 0.4682



47.8304, 0.3387, 0.3732



9.0983, 0.4935, 0.3319



10.9296, 0.3425, 0.3797



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.



25.5944, 0.3937, 0.4682



45.4827, 0.4053, 0.4889



22.5319, 0.3433, 0.4965



6.2792, 0.3255, 0.3508



22.2780, 0.4154, 0.5083



0.2143, 0.4175, 0.5067

Inverse Universe

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



5.7136, 0.2005, 0.1411



6.6227, 0.1763, 0.1013



7.5777, 0.2543, 0.1642



5.2606, 0.2993, 0.3063



1.7736, 0.1510, 0.0606



0.0179, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 25.5932, 0.3937, 0.4682 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 25.5932, 0.3937, 0.4682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

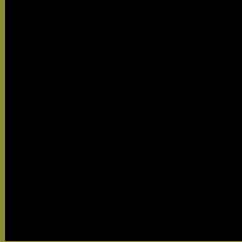
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5932, 0.3937, 0.4682

Background



This preview shows how black text looks on a background with the Yxy color 25.5932, 0.3937, 0.4682.



This preview shows how white text looks on a background with the Yxy color 25.5932, 0.3937, 0.4682.

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

25.5932, 0.3937, 0.4682

Protanopia

25.6111, 0.4137, 0.4558

Deuteranopia

25.5890, 0.4390, 0.4312



Tritanopia

25.5786, 0.3191, 0.3114

Trichromacy



Original Color

25.5932, 0.3937, 0.4682

Protanomaly

25.4216, 0.4068, 0.4604

Deuteranomaly

25.4909, 0.4227, 0.4441

Tritanomaly

25.2866, 0.3498, 0.3692

Monochromacy



Original Color

25.5932, 0.3937, 0.4682

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7587, 0.3456, 0.3856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5932, 0.3937, 0.4682 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(141, 143, 56)` looks like.

```
.text, #text, p{  
    color:rgb(141, 143, 56)  
}
```

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(141, 143, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 143, 56) }
```

Border

The CSS property to change the border of an element to Yxy 25.5932, 0.3937, 0.4682 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(141, 143, 56) }
```

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

```
.border{ border-color:rgb(141, 143, 56) }
```

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

Here you see how a box with a 4 pixel rgb(141, 143, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 143, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 143, 56);  
box-shadow:4px 4px 4px 4px rgb(141, 143,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5932, 0.3937, 0.4682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 143, 56) }
```

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

```
.background{ background-color: rgb(141,  
143, 56) }
```

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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