

Converting Colors

$Y_{xy}(25.2885, 0.4086, 0.4478)$

Have a look what the booklet for
Yxy(25.2885, 0.4086, 0.4478)
contains.

Yxy(25.2862, 0.4088, 0.4481) 3

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Color

$\text{Yxy}(25.2862, 0.4088, 0.4481)$

Conversions

Conversions Part 1	
Format	Color
Hex	998A3D
RGB	153, 138, 61
RGB Percent	60%, 54%, 24%
CMY	0.4000, 0.4588, 0.7609
CMYK	0.00, 0.10, 0.60, 0.40
HSL	50°, 43%, 42%
HSV	50°, 60%, 60%
XYZ	23.0685, 25.2862, 8.0751
YIQ	133.7070, 33.6570, -20.7670

Conversions

Conversions Part 2

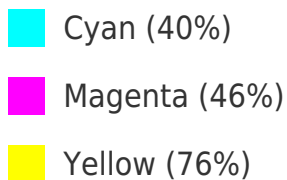
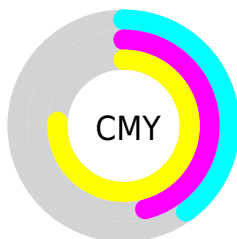
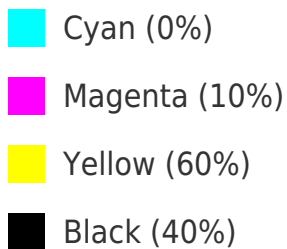
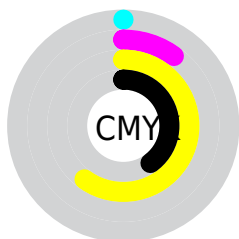
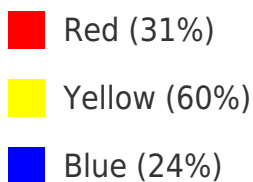
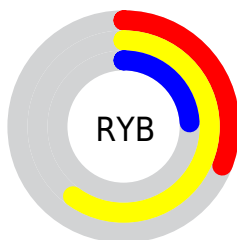
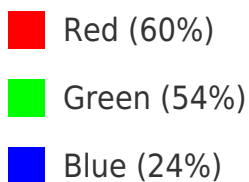
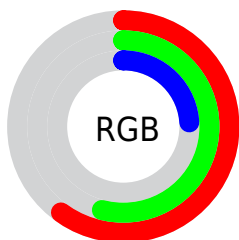
Format	Color
RYB	79, 153, 61
Decimal	10062397
CIELab	57.35, -4.29, 42.44
CIELCh	57, 42.659, 95.773
Yxy	25.2862, 0.4088, 0.4481
Android (android.graphics.Color)	4288252477 (0xFF998A3D)
YUV	133.7070, -35.8446, 16.9200
Hunter-Lab	50.2854, -6.1122, 25.6787

Details

The Yxy color $25.2862, 0.4088, 0.4481$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $8.4573, 0.2053, 0.1693$, and the grayscale version is $23.8517, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9646, 0.3908, 0.4249$, and $9.6496, 0.4347, 0.4834$ is the 20% darker color. If you saturate the color by 10%, you get $24.4377, 0.4228, 0.4621$, and if you desaturate by 10%, it is $26.2006, 0.3932, 0.4310$.


Distribution




Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2862, 0.4088, 0.4481 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 25.2862, 0.4088, 0.4481 by changing the saturation by 10% instead.


 25.2862, 0.4088,
0.4481

 25.2862, 0.4088,
0.4481


279.2603, 0.3589,
0.3846


 16.2904, 0.4205,
0.4640


 52.1211, 0.3908,
0.4246

 9.7299, 0.4343,
0.4835


 70.7291, 0.3839,
0.4159

 5.2202, 0.4547,
0.5129


 93.3099, 0.3781,
0.4085

 2.3771, 0.4646,
0.5354

 120.2479, 0.3731,
0.4022

 0.8140, 0.4511,
0.5489


 151.9276, 0.3688,
0.3969

 0.0000, 0.0000,
0.0000


 188.7332, 0.3651,

0.3922

231.0493, 0.3618,
0.3882


 25.2862, 0.4088,
0.4481


 25.2862, 0.4088,
0.4481


 24.4377, 0.4228,
0.4621


 26.2006, 0.3932,
0.4310


 23.6472, 0.4346,
0.4721


 27.1811, 0.3768,
0.4117

 22.9110, 0.4438,
0.4779

 28.2322, 0.3601,
0.3912

 22.2272, 0.4508,
0.4802

 29.3570, 0.3436,
0.3702

 30.5585, 0.3278,
0.3494

■ 31.8393, 0.3129,
0.3293

■ 33.2020, 0.2991,
0.3102

■ 34.6490, 0.2865,
0.2924

■ 36.1826, 0.2749,
0.2759

Harmonies

Analogous

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



25.2862, 0.4507, 0.4034



25.2862, 0.4088, 0.4481



25.2862, 0.3439, 0.4629

Triad

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



25.2862, 0.4088, 0.4481



25.2862, 0.1896, 0.2825



25.2862, 0.3406, 0.2530

Complementary

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



25.2862, 0.4088, 0.4481



8.4573, 0.2053, 0.1693

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.



25.2862, 0.2686, 0.2251



25.2862, 0.4088, 0.4481



25.2862, 0.1892, 0.2361

Square

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



25.2862, 0.4088, 0.4481



25.2862, 0.2187, 0.3546



25.2862, 0.2159, 0.2182



25.2862, 0.4117, 0.2969

Rectangle

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



25.2862, 0.4088, 0.4481



25.2862, 0.2968, 0.4453



25.2862, 0.2159, 0.2182



25.2862, 0.3154, 0.2416

Sweetspot

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



25.2874, 0.4088, 0.4481



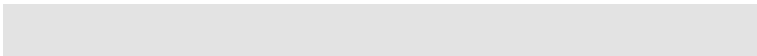
52.9436, 0.3407, 0.3664



10.6337, 0.4626, 0.3051



11.5663, 0.3451, 0.3721



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.2874, 0.4088, 0.4481



43.2844, 0.4269, 0.4658



27.2843, 0.3614, 0.4855



7.0514, 0.3264, 0.3475



18.4084, 0.4506, 0.4805



0.3155, 0.4347, 0.4930

Inverse Universe

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



8.4573, 0.2053, 0.1693



10.5492, 0.1828, 0.1311



7.8918, 0.2325, 0.1556



6.1810, 0.2988, 0.3098



2.5085, 0.1547, 0.0767



0.0736, 0.1706, 0.1340

Previews

White Background



This preview shows how the Yxy color 25.2862, 0.4088, 0.4481 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 25.2862, 0.4088, 0.4481 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 25.2862, 0.4088, 0.4481

Background



This preview shows how black text looks on a background with the Yxy color 25.2862, 0.4088, 0.4481.



This preview shows how white text looks on a background with the Yxy color 25.2862, 0.4088, 0.4481.

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

25.2862, 0.4088, 0.4481

Protanopia

25.2862, 0.4088, 0.4481

Deuteranopia

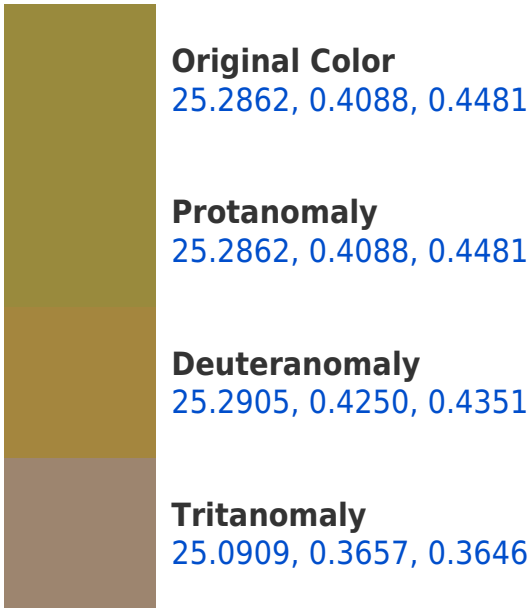
25.1375, 0.4342, 0.4265



Tritanopia

25.3323, 0.3368, 0.3135

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2862, 0.4088, 0.4481 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(153, 138, 61)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 61)  
}
```

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(153, 138, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 61) }
```

Border

The CSS property to change the border of an element to Yxy 25.2862, 0.4088, 0.4481 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(153, 138, 61) }
```

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

```
.border{ border-color:rgb(153, 138, 61) }
```

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

Here you see how a box with a 4 pixel rgb(153, 138, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 61);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2862, 0.4088, 0.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 61) }
```

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

```
.background{ background-color: rgb(153,  
138, 61) }
```

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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