

Converting Colors

$Y_{xy}(25.1487, 0.3637, 0.4613)$

Have a look what the booklet for
Yxy(25.1487, 0.3637, 0.4613)
contains.

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Color

Yxy(25.1286, 0.3635, 0.4605)

Conversions

Conversions Part 1

Format	Color
Hex	7E9146
RGB	126, 145, 70
RGB Percent	49%, 57%, 27%
CMY	0.5059, 0.4314, 0.7254
CMYK	0.13, 0.00, 0.52, 0.43
HSL	75°, 35%, 42%
HSV	75°, 52%, 57%
XYZ	19.8355, 25.1286, 9.6040
YIQ	130.7690, 12.7510, -27.3530

Conversions

Conversions Part 2

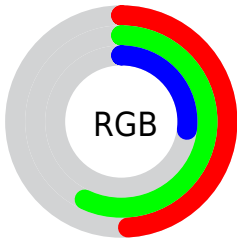
Format	Color
RYB	70, 145, 89
Decimal	8294726
CIELab	57.20, -18.94, 37.18
CIELCh	57, 41.727, 116.997
Yxy	25.1286, 0.3635, 0.4605
Android (android.graphics.Color)	4286484806 (0xFF7E9146)
YUV	130.7690, -29.9591, -4.1824
Hunter-Lab	50.1284, -17.0935, 23.7307

Details

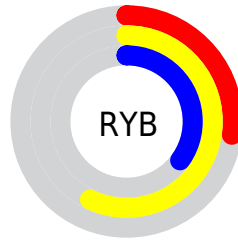
The Yxy color **25.1286, 0.3635, 0.4605** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8.5543, 0.2390, 0.1789**, and the grayscale version is **22.7170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9062, 0.3551, 0.4323**, and **9.7344, 0.3737, 0.5103** is the 20% darker color. If you saturate the color by 10%, you get **24.6938, 0.3703, 0.4838**, and if you desaturate by 10%, it is **25.6202, 0.3551, 0.4352**.

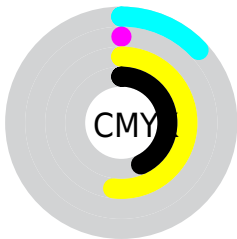
Distribution



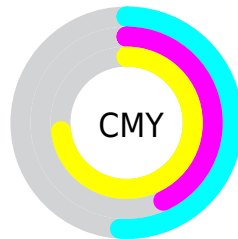
- Red (49%)
- Green (57%)
- Blue (27%)



- Red (27%)
- Yellow (57%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (52%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1286, 0.3635, 0.4605 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 25.1286, 0.3635, 0.4605 by changing the saturation by 10% instead.


 25.1286, 0.3635,
0.4605


 25.1286, 0.3635,
0.4605


278.4778, 0.3385,
0.3865


 16.1729, 0.3686,
0.4815


 51.8658, 0.3549,
0.4316


 9.6466, 0.3739,
0.5095


 70.4160, 0.3515,
0.4214


 5.1653, 0.3784,
0.5493

 92.9333, 0.3485,
0.4129

 2.3446, 0.3830,
0.6170

 119.8018, 0.3460,
0.4059

 0.7971, 0.2703,
0.7297

 151.4062, 0.3437,
0.3999

 0.0000, 0.0000,
0.0000

188.1307, 0.3417,

0.3948

230.3598, 0.3400,
0.3904

■ 25.1286, 0.3635,
0.4605

■ 25.1286, 0.3635,
0.4605

■ 24.6938, 0.3703,
0.4838

■ 25.6202, 0.3551,
0.4352

■ 24.3089, 0.3750,
0.5040

■ 26.1682, 0.3456,
0.4090

■ 23.9715, 0.3773,
0.5203

■ 26.7765, 0.3354,
0.3828

■ 23.6769, 0.3772,
0.5321

■ 27.4476, 0.3249,
0.3573

■ 23.4552, 0.3760,
0.5397

■ 28.1840, 0.3145,
0.3330

■ 28.9880, 0.3044,
0.3103

■ 29.8616, 0.2947,
0.2892

■ 30.8070, 0.2856,
0.2700

■ 31.8260, 0.2771,
0.2525

Harmonies

Analogous

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



25.1286, 0.4223, 0.4352



25.1286, 0.3635, 0.4605



25.1286, 0.2945, 0.4409

Triad

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



25.1286, 0.3635, 0.4605



25.1286, 0.1885, 0.2482



25.1286, 0.3912, 0.2837

Complementary

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



25.1286, 0.3635, 0.4605



8.5543, 0.2390, 0.1789

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.



25.1286, 0.3184, 0.2444



25.1286, 0.3635, 0.4605



25.1286, 0.2072, 0.2225

Square

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



25.1286, 0.3635, 0.4605



25.1286, 0.1972, 0.3022



25.1286, 0.2519, 0.2225



25.1286, 0.4431, 0.3338

Rectangle

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



25.1286, 0.3635, 0.4605



25.1286, 0.2522, 0.4013



25.1286, 0.2519, 0.2225



25.1286, 0.3678, 0.2690

Sweetspot

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



25.1297, 0.3635, 0.4605



48.5817, 0.3297, 0.3690



13.5698, 0.4361, 0.3622



10.7594, 0.3316, 0.3736



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.



25.1297, 0.3635, 0.4605



44.1055, 0.3712, 0.4872



22.8070, 0.3225, 0.4798



6.2176, 0.3222, 0.3510



20.1301, 0.3762, 0.5395



0.2029, 0.3978, 0.5224

Inverse Universe

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



8.5543, 0.2390, 0.1789



11.0457, 0.2186, 0.1432



10.8840, 0.2906, 0.1983



5.3170, 0.3027, 0.3065



2.0980, 0.1669, 0.0693



0.0293, 0.2086, 0.0923

Previews

White Background



This preview shows how the Yxy color 25.1286, 0.3635, 0.4605 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 25.1286, 0.3635, 0.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

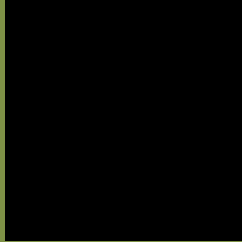
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1286, 0.3635, 0.4605

Background



This preview shows how black text looks on a background with the Yxy color 25.1286, 0.3635, 0.4605.



This preview shows how white text looks on a background with the Yxy color 25.1286, 0.3635, 0.4605.

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

25.1286, 0.3635, 0.4605

Protanopia

24.9720, 0.4033, 0.4396

Deuteranopia

25.0518, 0.4213, 0.4139



Tritanopia

25.1488, 0.3005, 0.3123

Trichromacy



Original Color

25.1286, 0.3635, 0.4605

Protanomaly

25.0132, 0.3890, 0.4474

Deuteranomaly

24.8617, 0.3998, 0.4295

Tritanomaly

24.9936, 0.3253, 0.3658

Monochromacy



Original Color

25.1286, 0.3635, 0.4605

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3796, 0.3331, 0.3778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1286, 0.3635, 0.4605 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(126, 145, 70)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 70)  
}
```

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(126, 145, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 70) }
```

Border

The CSS property to change the border of an element to Yxy 25.1286, 0.3635, 0.4605 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(126, 145, 70) }
```

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

```
.border{ border-color:rgb(126, 145, 70) }
```

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

Here you see how a box with a 4 pixel rgb(126, 145, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 70);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1286, 0.3635, 0.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 70) }
```

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

```
.background{ background-color: rgb(126,  
145, 70) }
```

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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