

Converting Colors

$Y_{xy}(26.3152, 0.3643, 0.4158)$

Have a look what the booklet for
Yxy(26.3152, 0.3643, 0.4158)
contains.

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Color

Yxy(26.2573, 0.3646, 0.4147)

Conversions

Conversions Part 1

Format	Color
Hex	8F8F5C
RGB	143, 143, 92
RGB Percent	56%, 56%, 36%
CMY	0.4391, 0.4392, 0.6393
CMYK	0.00, 0.00, 0.36, 0.44
HSL	60°, 22%, 46%
HSV	60°, 36%, 56%
XYZ	23.0851, 26.2573, 13.9739
YIQ	137.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

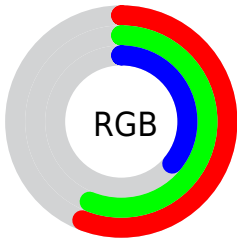
Format	Color
R _Y B	92, 143, 92
Decimal	9408348
CIE Lab	58.28, -8.21, 27.19
CIE LCh	58, 28.401, 106.808
Yxy	26.2573, 0.3646, 0.4147
Android (android.graphics.Color)	4287598428 (0xFF8F8F5C)
YUV	137.1860, -22.2767, 5.0989
Hunter-Lab	51.2419, -9.2567, 19.7006

Details

The Yxy color $26.2573, 0.3646, 0.4147$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.9168, 0.2504, 0.2260$, and the grayscale version is $25.1732, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9214, 0.3545, 0.3965$, and $10.2935, 0.3810, 0.4456$ is the 20% darker color. If you saturate the color by 10%, you get $26.0288, 0.3782, 0.4372$, and if you desaturate by 10%, it is $26.5354, 0.3502, 0.3908$.

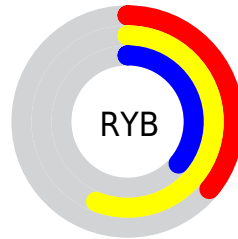
Distribution



Red (56%)

Green (56%)

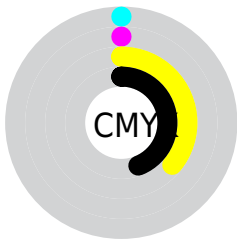
Blue (36%)



Red (36%)

Yellow (56%)

Blue (36%)

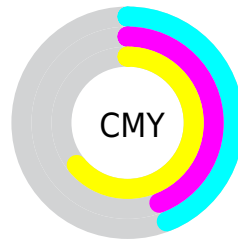


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2573, 0.3646, 0.4147 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 26.2573, 0.3646, 0.4147 by changing the saturation by 10% instead.


 26.2573, 0.3646,
0.4147


 26.2573, 0.3646,
0.4147


284.0429, 0.3371,
0.3673


 17.0162, 0.3717,
0.4280


 53.6897, 0.3544,
0.3964


 10.2461, 0.3807,
0.4459


 72.6499, 0.3506,
0.3898

 5.5624, 0.3922,
0.4709

 95.6186, 0.3474,
0.3844

 2.5809, 0.4174,
0.5214

 122.9801, 0.3447,
0.3799

 0.9171, 0.4225,
0.5775

155.1189, 0.3424,
0.3761

 0.0000, 0.0000,
0.0000

192.4193, 0.3404,

0.3728

235.2659, 0.3387,
0.3699

■ 26.2573, 0.3646,
0.4147

■ 26.2573, 0.3646,
0.4147

■ 26.0288, 0.3782,
0.4372

■ 26.5354, 0.3502,
0.3908

■ 25.8438, 0.3905,
0.4575

■ 26.8619, 0.3354,
0.3665

■ 25.7003, 0.4009,
0.4747


■ 27.2405, 0.3208,
0.3424


■ 25.5952, 0.4091,
0.4882


■ 27.6731, 0.3067,
0.3191


■ 25.5247, 0.4148,
0.4976

■ 28.1619, 0.2933,
0.2970


 25.4833, 0.4182,
0.5032

 28.7087, 0.2808,
0.2763

 25.4686, 0.4194,
0.5052

 29.3155, 0.2693,
0.2572

 29.9838, 0.2587,
0.2397

 30.7155, 0.2491,
0.2238

Harmonies

Analogous

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



26.2573, 0.3983, 0.3946



26.2573, 0.3646, 0.4147



26.2573, 0.3185, 0.4095

Triad

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



26.2573, 0.3646, 0.4147



26.2573, 0.2254, 0.2862



26.2573, 0.3500, 0.2873

Complementary

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



26.2573, 0.3646, 0.4147



11.9168, 0.2504, 0.2260

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.



26.2573, 0.3010, 0.2624



26.2573, 0.3646, 0.4147



26.2573, 0.2321, 0.2597

Square

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



26.2573, 0.3646, 0.4147



26.2573, 0.2396, 0.3289



26.2573, 0.2586, 0.2522



26.2573, 0.3907, 0.3219

Rectangle

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



26.2573, 0.3646, 0.4147



26.2573, 0.2872, 0.3900



26.2573, 0.2586, 0.2522



26.2573, 0.3338, 0.2776

Sweetspot

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



26.2585, 0.3646, 0.4147



48.3747, 0.3289, 0.3557



14.2821, 0.3930, 0.3277



11.0751, 0.3306, 0.3586



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.



26.2585, 0.3646, 0.4147



46.6606, 0.3759, 0.4334



24.3027, 0.3360, 0.4236



6.2849, 0.3259, 0.3507



22.5095, 0.4194, 0.5052



0.2153, 0.4194, 0.5052

Inverse Universe

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



11.9168, 0.2504, 0.2260



16.9624, 0.2334, 0.1979



13.3948, 0.2810, 0.2341



5.2555, 0.2990, 0.3063



1.7553, 0.1500, 0.0601



0.0169, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 26.2573, 0.3646, 0.4147 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 26.2573, 0.3646, 0.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

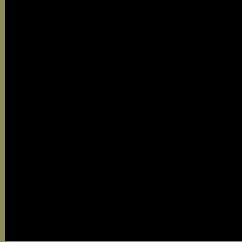
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

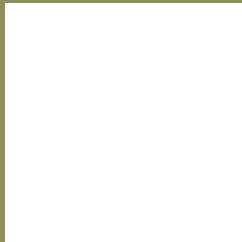
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2573, 0.3646, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 26.2573, 0.3646, 0.4147.



This preview shows how white text looks on a background with the Yxy color 26.2573, 0.3646, 0.4147.

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

26.2573, 0.3646, 0.4147

Protanopia

26.1869, 0.3779, 0.4087

Deuteranopia

26.1832, 0.3977, 0.3901



Tritanopia

26.1045, 0.3157, 0.3114

Trichromacy



Original Color

26.2573, 0.3646, 0.4147

Protanomaly

26.1946, 0.3737, 0.4112

Deuteranomaly

26.0526, 0.3860, 0.3988

Tritanomaly

26.2006, 0.3341, 0.3488

Monochromacy



Original Color

26.2573, 0.3646, 0.4147

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3347, 0.3313, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2573, 0.3646, 0.4147 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, 143, 92)` looks like.

```
.text, #text, p{  
    color:rgb(143, 143, 92)  
}
```

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, 143, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 143, 92) }
```

Border

The CSS property to change the border of an element to Yxy 26.2573, 0.3646, 0.4147 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, 143, 92) }
```

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

```
.border{ border-color:rgb(143, 143, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 143, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 143, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 143, 92);  
box-shadow:4px 4px 4px 4px rgb(143, 143,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2573, 0.3646, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 143, 92) }
```

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

```
.background{ background-color: rgb(143,  
143, 92) }
```

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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