

Converting Colors

$Y_{xy}(26.2634, 0.3656, 0.4287)$

Have a look what the booklet for
Yxy(26.2634, 0.3656, 0.4287)
contains.

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Color

Yxy(26.1074, 0.3651, 0.4275)

Conversions

Conversions Part 1

Format	Color
Hex	8B9056
RGB	139, 144, 86
RGB Percent	55%, 56%, 34%
CMY	0.4550, 0.4352, 0.6628
CMYK	0.03, 0.00, 0.40, 0.44
HSL	65°, 25%, 45%
HSV	65°, 40%, 56%
XYZ	22.2966, 26.1074, 12.6659
YIQ	135.8930, 15.6380, -19.0980

Conversions

Conversions Part 2

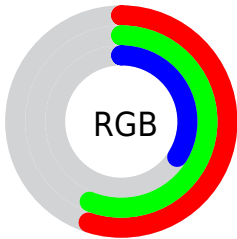
Format	Color
R_{YB}	86, 144, 91
Decimal	9146454
CIE Lab	58.14, -11.20, 30.19
CIE LCh	58, 32.203, 110.343
Yxy	26.1074, 0.3651, 0.4275
Android (android.graphics.Color)	4287336534 (0xFF8B9056)
YUV	135.8930, -24.5972, 2.7248
Hunter-Lab	51.0954, -11.5244, 21.0695

Details

The Yxy color **26.1074, 0.3651, 0.4275** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.8939, 0.2467, 0.2119**, and the grayscale version is **24.6666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5318, 0.3544, 0.4062**, and **10.2266, 0.3803, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **25.7923, 0.3766, 0.4504**, and if you desaturate by 10%, it is **26.4728, 0.3525, 0.4031**.

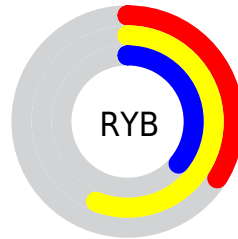
Distribution



Red (55%)

Green (56%)

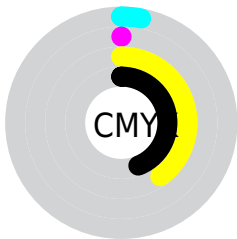
Blue (34%)



Red (34%)

Yellow (56%)

Blue (36%)

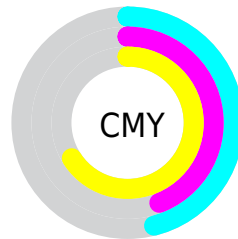


Cyan (3%)

Magenta (0%)

Yellow (40%)

Black (44%)



Cyan (46%)


Magenta (44%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1074, 0.3651, 0.4275 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 26.1074, 0.3651, 0.4275 by changing the saturation by 10% instead.


 26.1074, 0.3651,
0.4275


 26.1074, 0.3651,
0.4275


283.3089, 0.3378,
0.3728


 16.9040, 0.3719,
0.4429


 53.4482, 0.3551,
0.4063


 10.1661, 0.3802,
0.4635


 72.3543, 0.3513,
0.3988


 5.5092, 0.3901,
0.4923

 95.2635, 0.3482,
0.3925

 2.5490, 0.4213,
0.5620

 122.5601, 0.3455,
0.3873

 0.9011, 0.3929,
0.6071

 154.6286, 0.3432,
0.3829

 0.0000, 0.0000,
0.0000

191.8533, 0.3411,

0.3790

234.6186, 0.3394,
0.3757

■ 26.1074, 0.3651,
0.4275

■ 26.1074, 0.3651,
0.4275

■ 25.7923, 0.3766,
0.4504

■ 26.4728, 0.3525,
0.4031

■ 25.5212, 0.3866,
0.4710

■ 26.8877, 0.3393,
0.3782

■ 25.2922, 0.3945,
0.4883

■ 27.3556, 0.3261,
0.3536

■ 25.1017, 0.4001,
0.5017

■ 27.8787, 0.3131,
0.3297

■ 24.9455, 0.4032,
0.5110

■ 28.4592, 0.3006,
0.3070

■ 24.8157, 0.4045,
0.5170

■ 29.0991, 0.2888,
0.2859

■ 29.8003, 0.2778,
0.2663

■ 30.5645, 0.2676,
0.2484

■ 31.3936, 0.2583,
0.2321

Harmonies

Analogous

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



26.1074, 0.4060, 0.4062



26.1074, 0.3651, 0.4275



26.1074, 0.3122, 0.4185

Triad

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



26.1074, 0.3651, 0.4275



26.1074, 0.2144, 0.2753



26.1074, 0.3613, 0.2861

Complementary

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



26.1074, 0.3651, 0.4275



10.8939, 0.2467, 0.2119

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.



26.1074, 0.3056, 0.2569



26.1074, 0.3651, 0.4275



26.1074, 0.2246, 0.2487

Square

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



26.1074, 0.3651, 0.4275



26.1074, 0.2272, 0.3219



26.1074, 0.2564, 0.2433



26.1074, 0.4055, 0.3254

Rectangle

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



26.1074, 0.3651, 0.4275



26.1074, 0.2775, 0.3938



26.1074, 0.2564, 0.2433



26.1074, 0.3430, 0.2749

Sweetspot

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



26.1086, 0.3651, 0.4275



48.0708, 0.3287, 0.3583



14.0546, 0.4066, 0.3380



11.0017, 0.3302, 0.3611



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.



26.1086, 0.3651, 0.4275



45.5513, 0.3752, 0.4476



23.9477, 0.3321, 0.4392



6.2619, 0.3246, 0.3508



21.6110, 0.4046, 0.5170



0.2111, 0.4124, 0.5108

Inverse Universe

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



10.8939, 0.2467, 0.2119



15.0403, 0.2295, 0.1825



12.6495, 0.2836, 0.2230



5.2760, 0.3002, 0.3064



1.8298, 0.1539, 0.0621



0.0211, 0.1718, 0.0720

Previews

White Background



This preview shows how the Yxy color 26.1074, 0.3651, 0.4275 looks on a white background.

Color Contrast Check

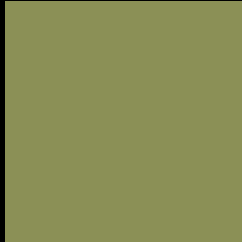
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1074, 0.3651, 0.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

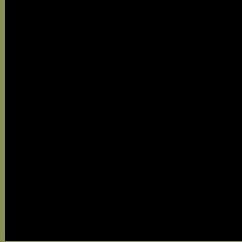
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1074, 0.3651, 0.4275

Background



This preview shows how black text looks on a background with the Yxy color 26.1074, 0.3651, 0.4275.



This preview shows how white text looks on a background with the Yxy color 26.1074, 0.3651, 0.4275.

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

26.1074, 0.3651, 0.4275

Protanopia

26.1686, 0.3861, 0.4190

Deuteranopia

25.8045, 0.4050, 0.3974



Tritanopia

26.1089, 0.3124, 0.3129

Trichromacy



Original Color

26.1074, 0.3651, 0.4275

Protanomaly

26.0015, 0.3785, 0.4210

Deuteranomaly

25.7475, 0.3899, 0.4086

Tritanomaly

26.0765, 0.3315, 0.3541

Monochromacy



Original Color

26.1074, 0.3651, 0.4275

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0916, 0.3322, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1074, 0.3651, 0.4275 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(139, 144, 86)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 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(139, 144, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 86) }
```

Border

The CSS property to change the border of an element to Yxy 26.1074, 0.3651, 0.4275 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(139, 144, 86) }
```

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

```
.border{ border-color:rgb(139, 144, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 144, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 86);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1074, 0.3651, 0.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 86) }
```

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

```
.background{ background-color: rgb(139,  
144, 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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