

Converting Colors

$Yxy(26.0516, 0.3702, 0.4264)$

Have a look what the booklet for
Yxy(26.0516, 0.3702, 0.4264)
contains.

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Color

Yxy(26.0516, 0.3702, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	8E8F55
RGB	142, 143, 85
RGB Percent	56%, 56%, 33%
CMY	0.4431, 0.4392, 0.6667
CMYK	0.01, 0.00, 0.41, 0.44
HSL	61°, 25%, 45%
HSV	61°, 41%, 56%
XYZ	22.6180, 26.0516, 12.4271
YIQ	136.0890, 18.0220, -18.2500

Conversions

Conversions Part 2

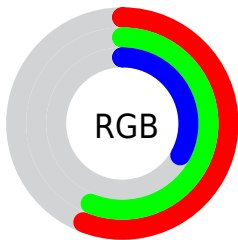
Format	Color
R_{YB}	85, 143, 86
Decimal	9342805
CIE _{Lab}	58.09, -9.49, 30.72
CIE _{LCh}	58, 32.154, 107.172
Yxy	26.0516, 0.3702, 0.4264
Android (android.graphics.Color)	4287532885 (0xFF8E8F55)
YUV	136.0890, -25.1869, 5.1839
Hunter-Lab	51.0408, -10.2217, 21.2930

Details

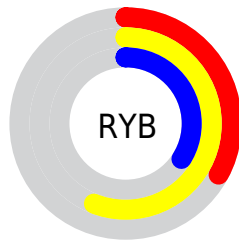
The Yxy color $26.0516, 0.3702, 0.4264$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $10.4552, 0.2415, 0.2097$, and the grayscale version is $24.7472, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5804, 0.3590, 0.4054$, and $10.1423, 0.3861, 0.4617$ is the 20% darker color. If you saturate the color by 10%, you get $25.8264, 0.3829, 0.4482$, and if you desaturate by 10%, it is $26.3252, 0.3564, 0.4029$.

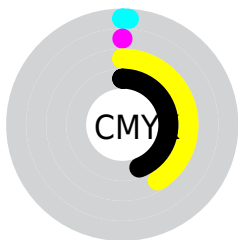
Distribution



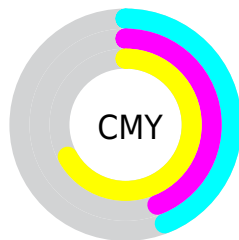
- Red (56%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (34%)



- Cyan (1%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)





- Cyan (44%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0516, 0.3702, 0.4264 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 26.0516, 0.3702, 0.4264 by changing the saturation by 10% instead.


 26.0516, 0.3702,
0.4264


 26.0516, 0.3702,
0.4264


283.0353, 0.3401,
0.3726


 16.8622, 0.3777,
0.4414

 53.3582, 0.3591,
0.4056

 10.1363, 0.3871,
0.4614


 72.2442, 0.3550,
0.3982


 5.4894, 0.3985,
0.4889

 95.1312, 0.3515,
0.3921

 2.5372, 0.4344,
0.5585

 122.4036, 0.3485,
0.3869

 0.8952, 0.4088,
0.5912

 154.4459, 0.3459,
0.3825

 0.0000, 0.0000,
0.0000

191.6423, 0.3437,

0.3787

234.3773, 0.3418,
0.3755

■ 26.0516, 0.3702,
0.4264

■ 26.0516, 0.3702,
0.4264

■ 25.8264, 0.3829,
0.4482

■ 26.3252, 0.3564,
0.4029

■ 25.6432, 0.3941,
0.4674

■ 26.6461, 0.3420,
0.3785

■ 25.5001, 0.4031,
0.4832


■ 27.0179, 0.3276,
0.3541

■ 25.3936, 0.4098,
0.4951

■ 27.4428, 0.3135,
0.3303


■ 25.3197, 0.4140,
0.5029


■ 27.9229, 0.3000,
0.3076

 25.2691, 0.4164,
0.5076

 28.4602, 0.2873,
0.2862

 29.0565, 0.2754,
0.2664

 29.7136, 0.2646,
0.2482

 30.4333, 0.2546,
0.2316

Harmonies

Analogous

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



26.0516, 0.4090, 0.4027



26.0516, 0.3702, 0.4264



26.0516, 0.3179, 0.4210

Triad

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



26.0516, 0.3702, 0.4264



26.0516, 0.2147, 0.2795



26.0516, 0.3555, 0.2824

Complementary

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



26.0516, 0.3702, 0.4264



10.4552, 0.2415, 0.2097

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.



26.0516, 0.2998, 0.2547



26.0516, 0.3702, 0.4264



26.0516, 0.2225, 0.2505

Square

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



26.0516, 0.3702, 0.4264



26.0516, 0.2299, 0.3277



26.0516, 0.2521, 0.2429



26.0516, 0.4018, 0.3210

Rectangle

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



26.0516, 0.3702, 0.4264



26.0516, 0.2828, 0.3985



26.0516, 0.2521, 0.2429



26.0516, 0.3370, 0.2717

Sweetspot

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



26.0528, 0.3702, 0.4264



48.2646, 0.3300, 0.3582



13.1433, 0.4103, 0.3310



11.0502, 0.3317, 0.3610



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.



26.0528, 0.3702, 0.4264



46.2691, 0.3823, 0.4471



23.8137, 0.3365, 0.4385



6.2808, 0.3256, 0.3508



22.3429, 0.4164, 0.5076



0.2146, 0.4180, 0.5063

Inverse Universe

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



10.4552, 0.2415, 0.2097



14.2385, 0.2218, 0.1770



12.1199, 0.2781, 0.2207



5.2591, 0.2992, 0.3063



1.7684, 0.1508, 0.0604



0.0176, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 26.0516, 0.3702, 0.4264 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 26.0516, 0.3702, 0.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

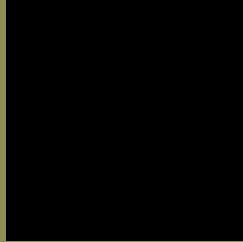
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0516, 0.3702, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 26.0516, 0.3702, 0.4264.



This preview shows how white text looks on a background with the Yxy color 26.0516, 0.3702, 0.4264.

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

26.0516, 0.3702, 0.4264

Protanopia

26.1686, 0.3861, 0.4190

Deuteranopia

25.8982, 0.4073, 0.3985



Tritanopia

26.0732, 0.3168, 0.3130

Trichromacy



Original Color

26.0516, 0.3702, 0.4264

Protanomaly

26.0794, 0.3807, 0.4221

Deuteranomaly

25.9341, 0.3934, 0.4094

Tritanomaly

26.0315, 0.3362, 0.3539

Monochromacy



Original Color

26.0516, 0.3702, 0.4264

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1529, 0.3344, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0516, 0.3702, 0.4264 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(142, 143, 85)` looks like.

```
.text, #text, p{  
    color:rgb(142, 143, 85)  
}
```

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(142, 143, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 143, 85) }
```

Border

The CSS property to change the border of an element to Yxy 26.0516, 0.3702, 0.4264 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(142, 143, 85) }
```

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

```
.border{ border-color:rgb(142, 143, 85) }
```

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

Here you see how a box with a 4 pixel rgb(142, 143, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 143, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 143, 85);  
box-shadow:4px 4px 4px 4px rgb(142, 143,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0516, 0.3702, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 143, 85) }
```

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

```
.background{ background-color: rgb(142,  
143, 85) }
```

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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