

Converting Colors

$Y_{xy}(26.1814, 0.3458, 0.4324)$

Have a look what the booklet for
Yxy(26.1814, 0.3458, 0.4324)
contains.

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Color

Yxy(26.0243, 0.3460, 0.4320)

Conversions

Conversions Part 1

Format	Color
Hex	7E9359
RGB	126, 147, 89
RGB Percent	49%, 58%, 35%
CMY	0.5058, 0.4235, 0.6510
CMYK	0.14, 0.00, 0.39, 0.42
HSL	82°, 25%, 46%
HSV	82°, 39%, 58%
XYZ	20.8435, 26.0243, 13.3736
YIQ	134.1090, 6.1020, -22.4900

Conversions

Conversions Part 2

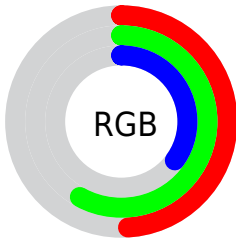
Format	Color
R_{YB}	89, 147, 110
Decimal	8295257
CIE _{Lab}	58.06, -17.71, 28.27
CIE _{LCh}	58, 33.360, 122.057
Yxy	26.0243, 0.3460, 0.4320
Android (android.graphics.Color)	4286485337 (0xFF7E9359)
YUV	134.1090, -22.2387, -7.1116
Hunter-Lab	51.0140, -16.3422, 20.1666

Details

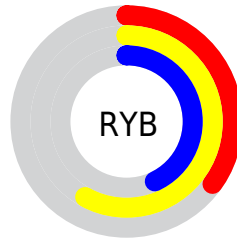
The Yxy color **26.0243, 0.3460, 0.4320** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.5625, 0.2676, 0.2202**, and the grayscale version is **23.9658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3700, 0.3403, 0.4087**, and **10.0694, 0.3545, 0.4709** is the 20% darker color. If you saturate the color by 10%, you get **25.4092, 0.3528, 0.4592**, and if you desaturate by 10%, it is **26.7125, 0.3381, 0.4045**.

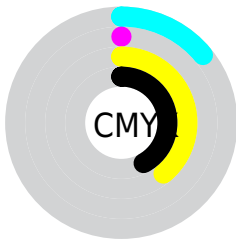
Distribution



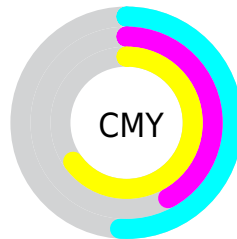
- Red (49%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)





- Cyan (51%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0243, 0.3460, 0.4320 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 26.0243, 0.3460, 0.4320 by changing the saturation by 10% instead.


 26.0243, 0.3460,
0.4320


 26.0243, 0.3460,
0.4320


282.9013, 0.3293,
0.3739

 16.8418, 0.3498,
0.4489


 53.3141, 0.3401,
0.4091


 10.1218, 0.3540,
0.4721


 72.1903, 0.3378,
0.4011

 5.4798, 0.3582,
0.5055

 95.0665, 0.3359,
0.3945

 2.5314, 0.3746,
0.5795

 122.3270, 0.3342,
0.3890

 0.8923, 0.3179,
0.6821

 154.3564, 0.3327,
0.3843

 0.0000, 0.0000,
0.0000

191.5390, 0.3315,

0.3803

234.2592, 0.3303,
0.3769

■ 26.0243, 0.3460,
0.4320

■ 26.0243, 0.3460,
0.4320

■ 25.4092, 0.3528,
0.4592

■ 26.7125, 0.3381,
0.4045

■ 24.8605, 0.3581,
0.4849

■ 27.4733, 0.3297,
0.3776

■ 24.3756, 0.3615,
0.5080


■ 28.3108, 0.3209,
0.3519

■ 23.9506, 0.3626,
0.5274

■ 29.2276, 0.3123,
0.3277


■ 23.5809, 0.3614,
0.5422

■ 30.2262, 0.3038,
0.3055

 23.2555, 0.3584,
0.5532

 31.3090, 0.2957,
0.2851

 23.2386, 0.3582,
0.5537

 32.4783, 0.2881,
0.2667

 33.7362, 0.2810,
0.2500

 35.0850, 0.2743,
0.2351

Harmonies

Analogous

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



26.0243, 0.3950, 0.4203



26.0243, 0.3460, 0.4320



26.0243, 0.2905, 0.4087

Triad

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



26.0243, 0.3460, 0.4320



26.0243, 0.2125, 0.2599



26.0243, 0.3835, 0.2995

Complementary

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



26.0243, 0.3460, 0.4320



12.5625, 0.2676, 0.2202

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.



26.0243, 0.3278, 0.2647



26.0243, 0.3460, 0.4320



26.0243, 0.2319, 0.2413

Square

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



26.0243, 0.3460, 0.4320



26.0243, 0.2163, 0.3006



26.0243, 0.2725, 0.2438



26.0243, 0.4196, 0.3423

Rectangle

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



26.0243, 0.3460, 0.4320



26.0243, 0.2575, 0.3759



26.0243, 0.2725, 0.2438



26.0243, 0.3661, 0.2867

Sweetspot

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



26.0254, 0.3460, 0.4320



50.2705, 0.3234, 0.3589



17.9240, 0.3934, 0.3647



11.4357, 0.3244, 0.3618



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.0254, 0.3460, 0.4320



45.6630, 0.3519, 0.4552



24.1675, 0.3157, 0.4425



6.6409, 0.3207, 0.3512



20.1616, 0.3586, 0.5535



0.2634, 0.3872, 0.5307

Inverse Universe

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



12.5625, 0.2676, 0.2202



18.2074, 0.2550, 0.1941



14.6785, 0.3052, 0.2313



5.7289, 0.3042, 0.3065



2.4990, 0.1808, 0.0770



0.0462, 0.2295, 0.1038

Previews

White Background



This preview shows how the Yxy color 26.0243, 0.3460, 0.4320 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 26.0243, 0.3460, 0.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

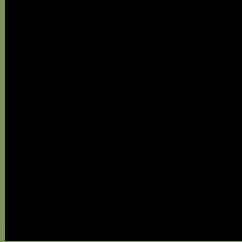
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0243, 0.3460, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 26.0243, 0.3460, 0.4320.



This preview shows how white text looks on a background with the Yxy color 26.0243, 0.3460, 0.4320.

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

26.0243, 0.3460, 0.4320

Protanopia

25.8125, 0.3836, 0.4150

Deuteranopia

25.7633, 0.3994, 0.3919



Tritanopia

26.0589, 0.2957, 0.3108

Trichromacy



Original Color

26.0243, 0.3460, 0.4320

Protanomaly

25.8738, 0.3700, 0.4213

Deuteranomaly

25.6077, 0.3791, 0.4057

Tritanomaly

26.0287, 0.3147, 0.3549

Monochromacy



Original Color

26.0243, 0.3460, 0.4320

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5985, 0.3254, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0243, 0.3460, 0.4320 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, 147, 89)` looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 89)  
}
```

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, 147, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 89) }
```

Border

The CSS property to change the border of an element to Yxy 26.0243, 0.3460, 0.4320 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, 147, 89) }
```

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

```
.border{ border-color:rgb(126, 147, 89) }
```

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

Here you see how a box with a 4 pixel rgb(126, 147, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 89);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0243, 0.3460, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 89) }
```

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

```
.background{ background-color: rgb(126,  
147, 89) }
```

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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