

Converting Colors

$Y_{xy}(26.6560, 0.3298, 0.4034)$

Have a look what the booklet for
Yxy(26.6560, 0.3298, 0.4034)
contains.

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Color

$Y_{xy}(26.6560, 0.3298, 0.4034)$

Conversions

Conversions Part 1

Format	Color
Hex	7E946A
RGB	126, 148, 106
RGB Percent	49%, 58%, 42%
CMY	0.5060, 0.4196, 0.5843
CMYK	0.15, 0.00, 0.28, 0.42
HSL	91°, 17%, 50%
HSV	91°, 28%, 58%
XYZ	21.7926, 26.6560, 17.6297
YIQ	136.6340, 0.3700, -17.7260

Conversions

Conversions Part 2

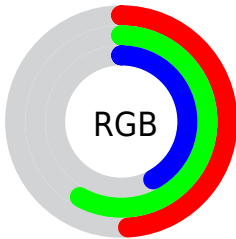
Format	Color
R_{YB}	106, 148, 128
Decimal	8295530
CIE _{Lab}	58.65, -15.76, 19.71
CIE _{LCh}	59, 25.233, 128.649
Yxy	26.6560, 0.3298, 0.4034
Android (android.graphics.Color)	4286485610 (0xFF7E946A)
YUV	136.6340, -15.1026, -9.3260
Hunter-Lab	51.6294, -15.0072, 15.8951

Details

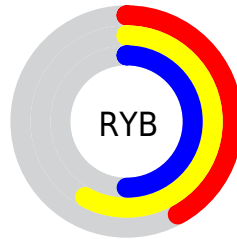
The Yxy color $26.6560, 0.3298, 0.4034$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.0360, 0.2908, 0.2553$, and the grayscale version is $24.9276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2934, 0.3264, 0.3862$, and $10.3914, 0.3342, 0.4330$ is the 20% darker color. If you saturate the color by 10%, you get $25.8082, 0.3350, 0.4325$, and if you desaturate by 10%, it is $27.6051, 0.3240, 0.3755$.

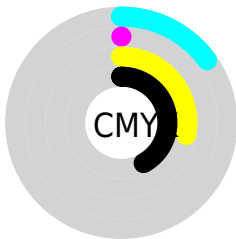
Distribution



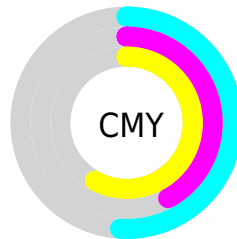
- Red (49%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (50%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)





- Cyan (51%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6560, 0.3298, 0.4034 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 26.6560, 0.3298, 0.4034 by changing the saturation by 10% instead.


 26.6560, 0.3298,
0.4034


 26.6560, 0.3298,
0.4034


285.9877, 0.3212,
0.3615


 17.3150, 0.3318,
0.4157


 54.3314, 0.3268,
0.3869


 10.4594, 0.3342,
0.4327


 73.4346, 0.3256,
0.3811

 5.7046, 0.3368,
0.4579

 96.5606, 0.3246,
0.3764

 2.6663, 0.3390,
0.4983

 124.0939, 0.3237,
0.3724

 0.9601, 0.3539,
0.6461

156.4189, 0.3230,
0.3691

 0.0000, 0.0000,
0.0000

193.9199, 0.3223,

0.3662

236.9814, 0.3218,
0.3637

■ 26.6560, 0.3298,
0.4034

■ 26.6560, 0.3298,
0.4034

■ 25.8082, 0.3350,
0.4325

■ 27.6051, 0.3240,
0.3755

■ 25.0543, 0.3393,
0.4620

■ 28.6555, 0.3179,
0.3493

■ 24.3916, 0.3421,
0.4907

■ 29.8117, 0.3117,
0.3253

■ 23.8156, 0.3433,
0.5171

■ 31.0769, 0.3057,
0.3034

■ 23.3215, 0.3425,
0.5398

■ 32.4541, 0.2999,
0.2837

■ 22.9038, 0.3396,
0.5575

■ 33.9462, 0.2943,
0.2661

■ 22.5523, 0.3352,
0.5706

■ 35.5560, 0.2891,
0.2503

■ 22.4998, 0.3345,
0.5726

■ 37.2862, 0.2843,
0.2363

■ 39.1394, 0.2798,
0.2238

Harmonies

Analogous

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



26.6560, 0.3687, 0.4020



26.6560, 0.3298, 0.4034



26.6560, 0.2880, 0.3804

Triad

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



26.6560, 0.3298, 0.4034



26.6560, 0.2373, 0.2723



26.6560, 0.3734, 0.3140

Complementary

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



26.6560, 0.3298, 0.4034



17.0360, 0.2908, 0.2553

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.



26.6560, 0.3342, 0.2846



26.6560, 0.3298, 0.4034



26.6560, 0.2566, 0.2606

Square

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



26.6560, 0.3298, 0.4034



26.6560, 0.2364, 0.3007



26.6560, 0.2913, 0.2655



26.6560, 0.3956, 0.3482

Rectangle

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



26.6560, 0.3298, 0.4034



26.6560, 0.2640, 0.3549



26.6560, 0.2913, 0.2655



26.6560, 0.3616, 0.3034

Sweetspot

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



26.6572, 0.3298, 0.4034



50.4006, 0.3184, 0.3513



22.6978, 0.3627, 0.3660



11.4467, 0.3192, 0.3547



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.



26.6572, 0.3298, 0.4034



46.0664, 0.3332, 0.4216



25.3016, 0.3084, 0.4070



6.5956, 0.3184, 0.3514



19.2317, 0.3350, 0.5722



0.2527, 0.3695, 0.5448

Inverse Universe

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



17.0360, 0.2908, 0.2553



26.2588, 0.2847, 0.2375



18.7196, 0.3168, 0.2617



5.7736, 0.3066, 0.3067



3.2119, 0.2094, 0.0927



0.0569, 0.2575, 0.1192

Previews

White Background



This preview shows how the Yxy color 26.6560, 0.3298, 0.4034 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 26.6560, 0.3298, 0.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

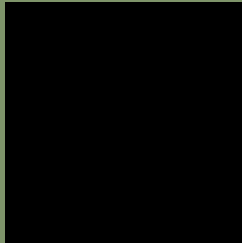
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6560, 0.3298, 0.4034

Background



This preview shows how black text looks on a background with the Yxy color 26.6560, 0.3298, 0.4034.



This preview shows how white text looks on a background with the Yxy color 26.6560, 0.3298, 0.4034.

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

26.6560, 0.3298, 0.4034

Protanopia

26.6083, 0.3637, 0.3913

Deuteranopia

26.4314, 0.3767, 0.3696



Tritanopia

26.6325, 0.2929, 0.3108

Trichromacy



Original Color

26.6560, 0.3298, 0.4034

Protanomaly

26.6968, 0.3509, 0.3965

Deuteranomaly

26.4182, 0.3588, 0.3815

Tritanomaly

26.4699, 0.3058, 0.3427

Monochromacy



Original Color

26.6560, 0.3298, 0.4034

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5427, 0.3191, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6560, 0.3298, 0.4034 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, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(126, 148, 106)  
}
```

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, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 148, 106) }
```

Border

The CSS property to change the border of an element to Yxy 26.6560, 0.3298, 0.4034 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, 148, 106) }
```

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

```
.border{ border-color:rgb(126, 148, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 148, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(126, 148,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6560, 0.3298, 0.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 148, 106) }
```

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

```
.background{ background-color: rgb(126,  
148, 106) }
```

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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