

Converting Colors

$Y_{xy}(26.1248, 0.3205, 0.4039)$

Have a look what the booklet for
Yxy(26.1248, 0.3205, 0.4039)
contains.

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Color

$Y_{xy}(26.0929, 0.3204, 0.4035)$

Conversions

Conversions Part 1

Format	Color
Hex	76946B
RGB	118, 148, 107
RGB Percent	46%, 58%, 42%
CMY	0.5371, 0.4196, 0.5804
CMYK	0.20, 0.00, 0.28, 0.42
HSL	104°, 16%, 50%
HSV	104°, 28%, 58%
XYZ	20.7191, 26.0929, 17.8544
YIQ	134.3560, -4.7190, -19.1110

Conversions

Conversions Part 2

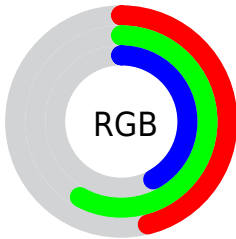
Format	Color
RYB	107, 148, 137
Decimal	7771243
CIELab	58.13, -18.59, 18.33
CIELCh	58, 26.107, 135.395
Yxy	26.0929, 0.3204, 0.4035
Android (android.graphics.Color)	4285961323 (0xFF76946B)
YUV	134.3560, -13.4865, -14.3442
Hunter-Lab	51.0812, -16.9905, 15.0332

Details

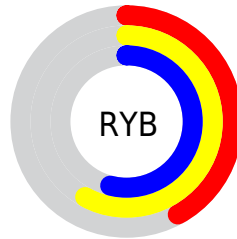
The Yxy color $26.0929, 0.3204, 0.4035$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.9681, 0.3019, 0.2594$, and the grayscale version is $24.0332, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4022, 0.3193, 0.3860$, and $10.1304, 0.3220, 0.4339$ is the 20% darker color. If you saturate the color by 10%, you get $25.0942, 0.3224, 0.4345$, and if you desaturate by 10%, it is $27.2340, 0.3179, 0.3744$.

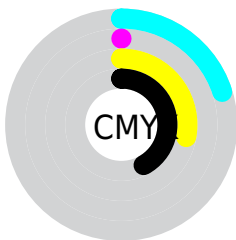
Distribution



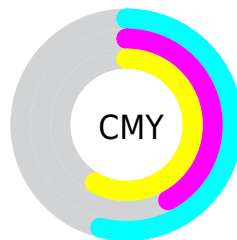
- Red (46%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (54%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)




- Cyan (54%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0929, 0.3204, 0.4035 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 26.0929, 0.3204, 0.4035 by changing the saturation by 10% instead.


 26.0929, 0.3204,
0.4035


 26.0929, 0.3204,
0.4035

283.2378, 0.3170,
0.3613


 16.8932, 0.3209,
0.4161


 53.4248, 0.3193,
0.3867

 10.1583, 0.3213,
0.4337


 72.3257, 0.3189,
0.3809

 5.5041, 0.3211,
0.4599

 95.2291, 0.3185,
0.3761

 2.5459, 0.3187,
0.5029

 122.5195, 0.3181,
0.3721

 0.8996, 0.3084,
0.6916

154.5811, 0.3178,
0.3688

 0.0000, 0.0000,
0.0000

191.7985, 0.3175,

0.3659

234.5559, 0.3172,
0.3634

■ 26.0929, 0.3204,
0.4035

■ 26.0929, 0.3204,
0.4035

■ 25.0942, 0.3224,
0.4345

■ 27.2340, 0.3179,
0.3744

■ 24.2288, 0.3237,
0.4666

■ 28.5194, 0.3150,
0.3477

■ 23.4920, 0.3240,
0.4983

■ 29.9553, 0.3120,
0.3237

■ 22.8770, 0.3232,
0.5279

■ 31.5464, 0.3090,
0.3023

■ 22.3769, 0.3210,
0.5535

■ 33.2972, 0.3061,
0.2834

■ 21.9835, 0.3176,
0.5733

■ 35.2122, 0.3032,
0.2667

■ 21.6850, 0.3134,
0.5871

■ 37.2956, 0.3005,
0.2520

■ 21.6262, 0.3126,
0.5900

■ 39.5513, 0.2980,
0.2391

■ 41.9832, 0.2956,
0.2278

Harmonies

Analogous

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



26.0929, 0.3627, 0.4075



26.0929, 0.3204, 0.4035



26.0929, 0.2779, 0.3743

Triad

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



26.0929, 0.3204, 0.4035



26.0929, 0.2373, 0.2657



26.0929, 0.3831, 0.3211

Complementary

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



26.0929, 0.3204, 0.4035



17.9681, 0.3019, 0.2594

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.



26.0929, 0.3451, 0.2890



26.0929, 0.3204, 0.4035



26.0929, 0.2612, 0.2577

Square

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



26.0929, 0.3204, 0.4035



26.0929, 0.2319, 0.2913



26.0929, 0.3000, 0.2664



26.0929, 0.4009, 0.3567

Rectangle

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



26.0929, 0.3204, 0.4035



26.0929, 0.2550, 0.3461



26.0929, 0.3000, 0.2664



26.0929, 0.3722, 0.3097

Sweetspot

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



26.0940, 0.3204, 0.4035



50.2151, 0.3151, 0.3489



25.0724, 0.3578, 0.3782



11.3871, 0.3156, 0.3525



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.



26.0940, 0.3204, 0.4035



44.9649, 0.3217, 0.4218



25.5621, 0.3012, 0.3888



6.5395, 0.3154, 0.3516



18.4859, 0.3130, 0.5897



0.2392, 0.3432, 0.5657

Inverse Universe

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



17.9681, 0.3019, 0.2594



28.2745, 0.2989, 0.2437



18.6785, 0.3269, 0.2758



5.8315, 0.3097, 0.3069



4.5708, 0.2552, 0.1179



0.0704, 0.2878, 0.1359

Previews

White Background



This preview shows how the Yxy color 26.0929, 0.3204, 0.4035 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 26.0929, 0.3204, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

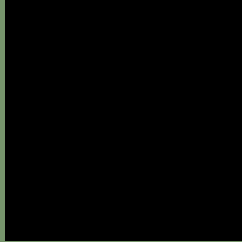
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0929, 0.3204, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 26.0929, 0.3204, 0.4035.



This preview shows how white text looks on a background with the Yxy color 26.0929, 0.3204, 0.4035.

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

26.0929, 0.3204, 0.4035

Protanopia

25.8341, 0.3623, 0.3887

Deuteranopia

25.9625, 0.3736, 0.3668



Tritanopia

26.0059, 0.2850, 0.3104

Trichromacy



Original Color

26.0929, 0.3204, 0.4035

Protanomaly

25.7488, 0.3470, 0.3945

Deuteranomaly

25.7724, 0.3535, 0.3791

Tritanomaly

25.8617, 0.2976, 0.3430

Monochromacy



Original Color

26.0929, 0.3204, 0.4035

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5097, 0.3158, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0929, 0.3204, 0.4035 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(118, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(118, 148, 107)  
}
```

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(118, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 148, 107) }
```

Border

The CSS property to change the border of an element to Yxy 26.0929, 0.3204, 0.4035 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(118, 148, 107) }
```

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

```
.border{ border-color:rgb(118, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(118, 148,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0929, 0.3204, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 148, 107) }
```

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

```
.background{ background-color: rgb(118,  
148, 107) }
```

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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