

Converting Colors

$Y_{xy}(26.0718, 0.3188, 0.4117)$

Have a look what the booklet for
Yxy(26.0718, 0.3188, 0.4117)
contains.

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Color

Yxy(26.0718, 0.3188, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	729568
RGB	114, 149, 104
RGB Percent	45%, 58%, 41%
CMY	0.5528, 0.4157, 0.5921
CMYK	0.23, 0.00, 0.30, 0.42
HSL	107°, 18%, 50%
HSV	107°, 30%, 58%
XYZ	20.1887, 26.0718, 17.0667
YIQ	133.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

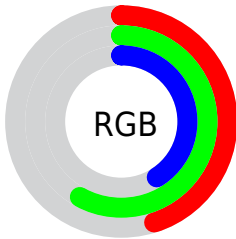
Format	Color
RYB	104, 149, 139
Decimal	7509352
CIELab	58.11, -21.09, 19.93
CIELCh	58, 29.020, 136.618
Yxy	26.0718, 0.3188, 0.4117
Android (android.graphics.Color)	4285699432 (0xFF729568)
YUV	133.4050, -14.4967, -17.0182
Hunter-Lab	51.0606, -18.7793, 15.9251

Details

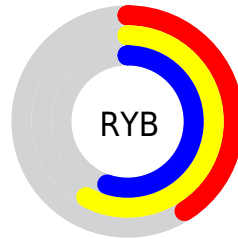
The Yxy color $26.0718, 0.3188, 0.4117$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.5587, 0.3033, 0.2534$, and the grayscale version is $23.6693, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2939, 0.3188, 0.3932$, and $10.1447, 0.3196, 0.4465$ is the 20% darker color. If you saturate the color by 10%, you get $25.0681, 0.3200, 0.4436$, and if you desaturate by 10%, it is $27.2296, 0.3171, 0.3817$.

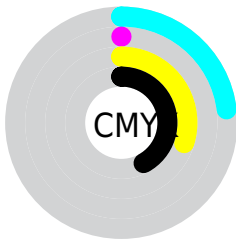
Distribution



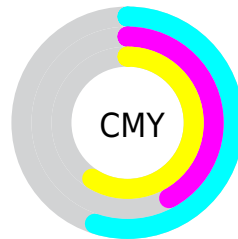
- Red (45%)
- Green (58%)
- Blue (41%)



- Red (41%)
- Yellow (58%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)





- Cyan (55%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0718, 0.3188, 0.4117 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 26.0718, 0.3188, 0.4117 by changing the saturation by 10% instead.


 26.0718, 0.3188,
0.4117


 26.0718, 0.3188,
0.4117


283.1344, 0.3165,
0.3646


 16.8774, 0.3189,
0.4258


 53.3908, 0.3182,
0.3930

 10.1471, 0.3186,
0.4455


 72.2841, 0.3179,
0.3865

 5.4966, 0.3172,
0.4750

 95.1791, 0.3176,
0.3812

 2.5415, 0.3131,
0.5242

 122.4603, 0.3174,
0.3767

 0.8973, 0.2736,
0.7264

154.5120, 0.3171,
0.3730

 0.0000, 0.0000,
0.0000

191.7187, 0.3169,

0.3698

234.4647, 0.3167,
0.3670

■ 26.0718, 0.3188,
0.4117

■ 26.0718, 0.3188,
0.4117

■ 25.0681, 0.3200,
0.4436

■ 27.2296, 0.3171,
0.3817

■ 24.2086, 0.3205,
0.4763

■ 28.5442, 0.3150,
0.3542

■ 23.4875, 0.3201,
0.5082

■ 30.0225, 0.3128,
0.3295

■ 22.8973, 0.3186,
0.5375

■ 31.6699, 0.3104,
0.3074

■ 22.4296, 0.3161,
0.5621


■ 33.4915, 0.3081,
0.2880

 22.0749, 0.3126,
0.5803

 35.4925, 0.3059,
0.2710

 21.8204, 0.3091,
0.5927

 37.6774, 0.3037,
0.2560

 40.0510, 0.3017,
0.2430

 42.6176, 0.2998,
0.2315

Harmonies

Analogous

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



26.0718, 0.3660, 0.4167



26.0718, 0.3188, 0.4117



26.0718, 0.2721, 0.3779

Triad

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



26.0718, 0.3188, 0.4117



26.0718, 0.2302, 0.2582



26.0718, 0.3924, 0.3214

Complementary

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



26.0718, 0.3188, 0.4117



17.5587, 0.3033, 0.2534

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.



26.0718, 0.3506, 0.2861



26.0718, 0.3188, 0.4117



26.0718, 0.2571, 0.2505

Square

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



26.0718, 0.3188, 0.4117



26.0718, 0.2235, 0.2853



26.0718, 0.3004, 0.2609



26.0718, 0.4109, 0.3606

Rectangle

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



26.0718, 0.3188, 0.4117



26.0718, 0.2474, 0.3458



26.0718, 0.3004, 0.2609



26.0718, 0.3805, 0.3089

Sweetspot

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



26.0729, 0.3188, 0.4117



51.3760, 0.3148, 0.3516



25.7094, 0.3614, 0.3863



11.3116, 0.3151, 0.3551



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.



26.0729, 0.3188, 0.4117



45.4892, 0.3197, 0.4324



25.6984, 0.2982, 0.3908



6.5270, 0.3148, 0.3516



18.3773, 0.3095, 0.5924



0.2361, 0.3365, 0.5710

Inverse Universe

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



17.5587, 0.3033, 0.2534



27.8048, 0.3006, 0.2365



18.0976, 0.3314, 0.2743



5.8447, 0.3104, 0.3069



4.9535, 0.2664, 0.1241



0.0735, 0.2940, 0.1393

Previews

White Background



This preview shows how the Yxy color 26.0718, 0.3188, 0.4117 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 26.0718, 0.3188, 0.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

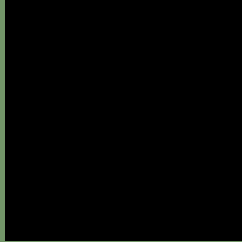
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0718, 0.3188, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 26.0718, 0.3188, 0.4117.



This preview shows how white text looks on a background with the Yxy color 26.0718, 0.3188, 0.4117.

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

26.0718, 0.3188, 0.4117

Protanopia

25.8694, 0.3666, 0.3934

Deuteranopia

25.8983, 0.3771, 0.3715



Tritanopia

26.1156, 0.2814, 0.3103

Trichromacy



Original Color

26.0718, 0.3188, 0.4117

Protanomaly

25.9029, 0.3486, 0.4015

Deuteranomaly

25.5256, 0.3543, 0.3847

Tritanomaly

25.9503, 0.2947, 0.3448

Monochromacy



Original Color

26.0718, 0.3188, 0.4117

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3060, 0.3157, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0718, 0.3188, 0.4117 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(114, 149, 104)` looks like.

```
.text, #text, p{  
    color:rgb(114, 149, 104)  
}
```

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(114, 149, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 149, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.0718, 0.3188, 0.4117 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(114, 149, 104) }
```

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

```
.border{ border-color:rgb(114, 149, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 149, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 149, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 149, 104);  
box-shadow:4px 4px 4px 4px rgb(114, 149,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0718, 0.3188, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 149, 104) }
```

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

```
.background{ background-color: rgb(114,  
149, 104) }
```

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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