

Converting Colors

$Y_{xy}(26.2385, 0.3164, 0.4030)$

Have a look what the booklet for
Yxy(26.2385, 0.3164, 0.4030)
contains.

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Color

Yxy(26.2906, 0.3172, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	74956C
RGB	116, 149, 108
RGB Percent	45%, 58%, 42%
CMY	0.5451, 0.4157, 0.5764
CMYK	0.22, 0.00, 0.28, 0.42
HSL	108°, 16%, 50%
HSV	108°, 28%, 58%
XYZ	20.6574, 26.2906, 18.1761
YIQ	134.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

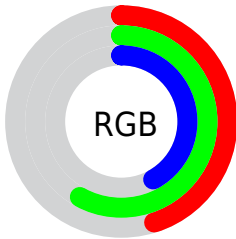
Format	Color
R_{YB}	108, 149, 141
Decimal	7640428
CIE _{Lab}	58.31, -19.69, 18.00
CIE _{LCh}	58, 26.679, 137.568
Yxy	26.2906, 0.3172, 0.4037
Android (android.graphics.Color)	4285830508 (0xFF74956C)
YUV	134.4590, -13.0443, -16.1885
Hunter-Lab	51.2744, -17.8162, 14.8745

Details

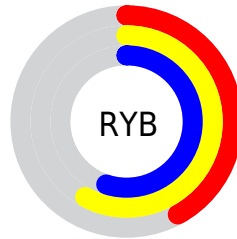
The Yxy color **26.2906, 0.3172, 0.4037** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5613, 0.3058, 0.2607**, and the grayscale version is **24.0698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6850, 0.3169, 0.3861**, and **10.2549, 0.3176, 0.4343** is the 20% darker color. If you saturate the color by 10%, you get **25.2314, 0.3182, 0.4354**, and if you desaturate by 10%, it is **27.5125, 0.3158, 0.3742**.

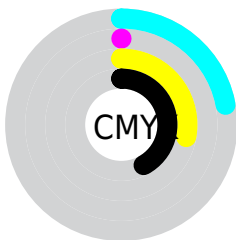
Distribution



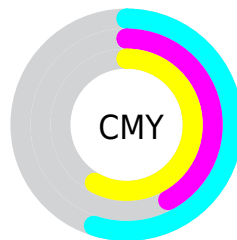
- Red (45%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (55%)



- Cyan (22%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)




- Cyan (55%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2906, 0.3172, 0.4037 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 26.2906, 0.3172, 0.4037 by changing the saturation by 10% instead.


 26.2906, 0.3172,
0.4037


 26.2906, 0.3172,
0.4037


284.2057, 0.3156,
0.3613

 17.0412, 0.3172,
0.4163


 53.7434, 0.3168,
0.3869

 10.2638, 0.3169,
0.4340


 72.7155, 0.3166,
0.3810

 5.5742, 0.3157,
0.4604

 95.6974, 0.3164,
0.3762

 2.5880, 0.3118,
0.5036

 123.0733, 0.3162,
0.3722

 0.9206, 0.2997,
0.7003

155.2277, 0.3160,
0.3689

 0.0000, 0.0000,
0.0000

192.5450, 0.3159,

0.3660

235.4095, 0.3157,
0.3635

■ 26.2906, 0.3172,
0.4037

■ 26.2906, 0.3172,
0.4037

■ 25.2314, 0.3182,
0.4354

■ 27.5125, 0.3158,
0.3742

■ 24.3246, 0.3185,
0.4683

■ 28.9000, 0.3141,
0.3473

■ 23.5641, 0.3181,
0.5010

■ 30.4603, 0.3122,
0.3233

■ 22.9421, 0.3168,
0.5315

■ 32.1992, 0.3103,
0.3020

■ 22.4497, 0.3145,
0.5577

■ 34.1220, 0.3084,
0.2833

■ 22.0774, 0.3115,
0.5778

■ 36.2340, 0.3066,
0.2670

■ 21.8113, 0.3080,
0.5912

■ 38.5402, 0.3048,
0.2527

■ 21.7575, 0.3074,
0.5941

■ 41.0454, 0.3031,
0.2402

■ 43.7543, 0.3015,
0.2293

Harmonies

Analogous

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



26.2906, 0.3607, 0.4096



26.2906, 0.3172, 0.4037



26.2906, 0.2744, 0.3723

Triad

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



26.2906, 0.3172, 0.4037



26.2906, 0.2371, 0.2633



26.2906, 0.3867, 0.3235

Complementary

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



26.2906, 0.3172, 0.4037



18.5613, 0.3058, 0.2607

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.



26.2906, 0.3490, 0.2904



26.2906, 0.3172, 0.4037



26.2906, 0.2627, 0.2565

Square

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



26.2906, 0.3172, 0.4037



26.2906, 0.2302, 0.2881



26.2906, 0.3030, 0.2665



26.2906, 0.4029, 0.3597

Rectangle

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



26.2906, 0.3172, 0.4037



26.2906, 0.2518, 0.3431



26.2906, 0.3030, 0.2665



26.2906, 0.3759, 0.3118

Sweetspot

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



26.2917, 0.3172, 0.4037



51.5832, 0.3142, 0.3490



26.4647, 0.3562, 0.3832



11.3512, 0.3145, 0.3526



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.



26.2917, 0.3172, 0.4037



45.8808, 0.3179, 0.4230



26.0480, 0.2982, 0.3819



6.5196, 0.3144, 0.3516



18.3219, 0.3077, 0.5939



0.2343, 0.3324, 0.5743

Inverse Universe

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



18.5613, 0.3058, 0.2607



29.6743, 0.3037, 0.2448



18.9151, 0.3311, 0.2815



5.8527, 0.3108, 0.3070



5.1964, 0.2731, 0.1278



0.0753, 0.2976, 0.1413

Previews

White Background



This preview shows how the Yxy color 26.2906, 0.3172, 0.4037 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 26.2906, 0.3172, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

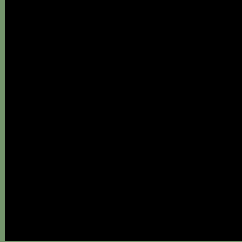
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2906, 0.3172, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 26.2906, 0.3172, 0.4037.



This preview shows how white text looks on a background with the Yxy color 26.2906, 0.3172, 0.4037.

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

26.2906, 0.3172, 0.4037

Protanopia

26.2397, 0.3619, 0.3884

Deuteranopia

25.9844, 0.3725, 0.3653



Tritanopia

26.2631, 0.2833, 0.3104

Trichromacy



Original Color

26.2906, 0.3172, 0.4037

Protanomaly

26.0681, 0.3457, 0.3943

Deuteranomaly

25.7020, 0.3512, 0.3777

Tritanomaly

26.1219, 0.2957, 0.3429

Monochromacy



Original Color

26.2906, 0.3172, 0.4037

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4579, 0.3137, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2906, 0.3172, 0.4037 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(116, 149, 108)` looks like.

```
.text, #text, p{  
    color:rgb(116, 149, 108)  
}
```

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(116, 149, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 149, 108) }
```

Border

The CSS property to change the border of an element to Yxy 26.2906, 0.3172, 0.4037 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(116, 149, 108) }
```

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

```
.border{ border-color:rgb(116, 149, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 149, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 149, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 149, 108);  
box-shadow:4px 4px 4px 4px rgb(116, 149,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2906, 0.3172, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 149, 108) }
```

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

```
.background{ background-color: rgb(116,  
149, 108) }
```

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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