

Converting Colors

$Yxy(26.5850, 0.3010, 0.4019)$

Have a look what the booklet for
Yxy(26.5850, 0.3010, 0.4019)
contains.

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Color

Yxy(26.5918, 0.3008, 0.4016)

Conversions

Conversions Part 1

Format	Color
Hex	689871
RGB	104, 152, 113
RGB Percent	41%, 60%, 44%
CMY	0.5922, 0.4039, 0.5569
CMYK	0.32, 0.00, 0.26, 0.40
HSL	131°, 19%, 50%
HSV	131°, 32%, 60%
XYZ	19.9174, 26.5918, 19.7055
YIQ	133.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

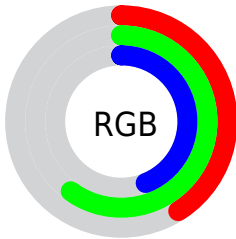
Format	Color
RYB	104, 144, 152
Decimal	6854769
CIELab	58.59, -24.54, 15.48
CIELCh	59, 29.019, 147.755
Yxy	26.5918, 0.3008, 0.4016
Android (android.graphics.Color)	4285044849 (0xFF689871)
YUV	133.2020, -9.9596, -25.6102
Hunter-Lab	51.5672, -21.2987, 13.4405

Details

The Yxy color $26.5918, 0.3008, 0.4016$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.5589, 0.3276, 0.2660$, and the grayscale version is $23.5745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4102, 0.3035, 0.3857$, and $10.4733, 0.2940, 0.4319$ is the 20% darker color. If you saturate the color by 10%, you get $25.5043, 0.2974, 0.4295$, and if you desaturate by 10%, it is $27.8833, 0.3045, 0.3759$.

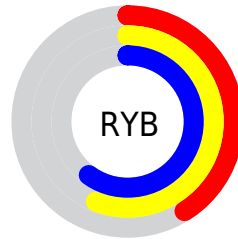
Distribution



Red (41%)

Green (60%)

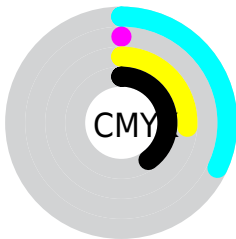
Blue (44%)



Red (41%)

Yellow (56%)

Blue (60%)

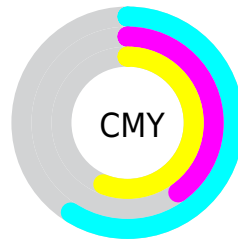


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (40%)



Cyan (59%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5918, 0.3008, 0.4016 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 26.5918, 0.3008, 0.4016 by changing the saturation by 10% instead.

 26.5918, 0.3008,
0.4016


 26.5918, 0.3008,
0.4016


285.6752, 0.3081,
0.3603


 17.2669, 0.2983,
0.4140


 54.2281, 0.3039,
0.3852

 10.4250, 0.2946,
0.4314


 73.3084, 0.3049,
0.3795

 5.6816, 0.2887,
0.4576

 96.4091, 0.3057,
0.3748

 2.6525, 0.2776,
0.5010

 123.9149, 0.3064,
0.3709

 0.9531, 0.2425,
0.7575

156.2099, 0.3069,
0.3676

 0.0000, 0.0000,
0.0000

193.6788, 0.3074,

0.3649

236.7057, 0.3078,
0.3624

■ 26.5918, 0.3008,
0.4016

■ 26.5918, 0.3008,
0.4016

■ 25.5043, 0.2974,
0.4295

■ 27.8833, 0.3045,
0.3759

■ 24.6072, 0.2946,
0.4589

■ 29.3851, 0.3083,
0.3527

■ 23.8904, 0.2926,
0.4888

■ 31.1073, 0.3121,
0.3320

■ 23.3413, 0.2916,
0.5176

■ 33.0583, 0.3158,
0.3139

■ 22.9459, 0.2917,
0.5438


■ 35.2462, 0.3194,
0.2981


 22.6877, 0.2931,
0.5656

 37.6785, 0.3227,
0.2843

 22.5441, 0.2945,
0.5800

 40.3624, 0.3258,
0.2724

 43.3051, 0.3287,
0.2620

 46.5132, 0.3314,
0.2530

Harmonies

Analogous

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



26.5918, 0.3491, 0.4178



26.5918, 0.3008, 0.4016



26.5918, 0.2579, 0.3602

Triad

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



26.5918, 0.3008, 0.4016



26.5918, 0.2384, 0.2535



26.5918, 0.4020, 0.3359

Complementary

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



26.5918, 0.3008, 0.4016



18.5589, 0.3276, 0.2660

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.



26.5918, 0.3677, 0.2986



26.5918, 0.3008, 0.4016



26.5918, 0.2719, 0.2528

Square

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



26.5918, 0.3008, 0.4016



26.5918, 0.2241, 0.2733



26.5918, 0.3189, 0.2691



26.5918, 0.4097, 0.3743

Rectangle

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



26.5918, 0.3008, 0.4016



26.5918, 0.2376, 0.3273



26.5918, 0.3189, 0.2691



26.5918, 0.3931, 0.3230

Sweetspot

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



26.5929, 0.3008, 0.4016



52.5605, 0.3092, 0.3475



29.3150, 0.3493, 0.4081



11.8567, 0.3087, 0.3504



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.5929, 0.3008, 0.4016



45.5263, 0.2983, 0.4214



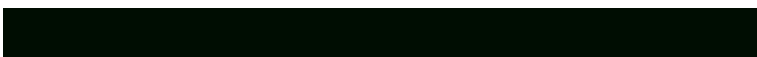
27.2011, 0.2808, 0.3563



6.9436, 0.3092, 0.3476



18.9053, 0.2942, 0.5791



0.2867, 0.2765, 0.5153

Inverse Universe

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



18.5589, 0.3276, 0.2660



29.0295, 0.3318, 0.2517



17.9124, 0.3600, 0.3036



6.3038, 0.3164, 0.3111



6.8109, 0.3735, 0.1831



0.1064, 0.3467, 0.1683

Previews

White Background



This preview shows how the Yxy color 26.5918, 0.3008, 0.4016 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 26.5918, 0.3008, 0.4016 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 26.5918, 0.3008, 0.4016

Background



This preview shows how black text looks on a background with the Yxy color 26.5918, 0.3008, 0.4016.



This preview shows how white text looks on a background with the Yxy color 26.5918, 0.3008, 0.4016.

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

26.5918, 0.3008, 0.4016

Protanopia

26.3229, 0.3577, 0.3817

Deuteranopia

26.2937, 0.3640, 0.3574



Tritanopia

26.5371, 0.2703, 0.3084

Trichromacy



Original Color

26.5918, 0.3008, 0.4016

Protanomaly

26.0589, 0.3346, 0.3883

Deuteranomaly

25.9734, 0.3384, 0.3714

Tritanomaly

26.4478, 0.2812, 0.3395

Monochromacy



Original Color

26.5918, 0.3008, 0.4016

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.4001, 0.3072, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5918, 0.3008, 0.4016 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(104, 152, 113)` looks like.

```
.text, #text, p{  
    color:rgb(104, 152, 113)  
}
```

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(104, 152, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 152, 113) }
```

Border

The CSS property to change the border of an element to Yxy 26.5918, 0.3008, 0.4016 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(104, 152, 113) }
```

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

```
.border{ border-color:rgb(104, 152, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 152, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 152, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 152, 113);  
box-shadow:4px 4px 4px 4px rgb(104, 152,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5918, 0.3008, 0.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 152, 113) }
```

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

```
.background{ background-color: rgb(104,  
152, 113) }
```

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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