

Converting Colors

$Y_{xy}(26.0027, 0.2948, 0.3829)$

Have a look what the booklet for
Yxy(26.0027, 0.2948, 0.3829)
contains.

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Color

Yxy(26.1720, 0.2957, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	699678
RGB	105, 150, 120
RGB Percent	41%, 59%, 47%
CMY	0.5882, 0.4118, 0.5295
CMYK	0.30, 0.00, 0.20, 0.41
HSL	140°, 18%, 50%
HSV	140°, 30%, 59%
XYZ	20.1224, 26.1720, 21.7556
YIQ	133.1250, -17.1900, -18.8700

Conversions

Conversions Part 2

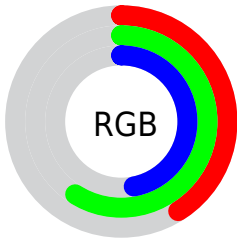
Format	Color
RYB	105, 139, 150
Decimal	6919800
CIELab	58.20, -21.83, 11.01
CIElCh	58, 24.446, 153.237
Yxy	26.1720, 0.2957, 0.3846
Android (android.graphics.Color)	4285109880 (0xFF699678)
YUV	133.1250, -6.4706, -24.6656
Hunter-Lab	51.1586, -19.3176, 10.5975

Details

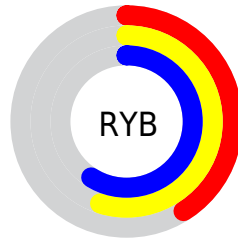
The Yxy color $26.1720, 0.2957, 0.3846$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.3398, 0.3352, 0.2793$, and the grayscale version is $23.5329, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3324, 0.2996, 0.3721$, and $10.2194, 0.2892, 0.4087$ is the 20% darker color. If you saturate the color by 10%, you get $25.1130, 0.2907, 0.4070$, and if you desaturate by 10%, it is $27.4189, 0.3012, 0.3641$.

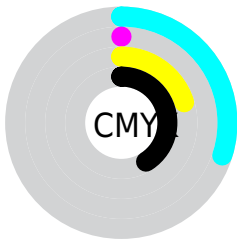
Distribution



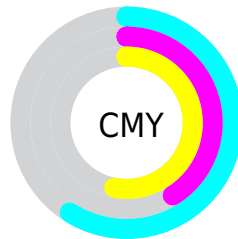
- Red (41%)
- Green (59%)
- Blue (47%)



- Red (41%)
- Yellow (55%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)





- Cyan (59%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1720, 0.2957, 0.3846 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 26.1720, 0.2957, 0.3846 by changing the saturation by 10% instead.


 26.1720, 0.2957,
0.3846


 26.1720, 0.2957,
0.3846


283.6254, 0.3055,
0.3531


 16.9524, 0.2927,
0.3940


 53.5523, 0.2997,
0.3721

 10.2005, 0.2884,
0.4072


 72.4817, 0.3010,
0.3678

 5.5321, 0.2818,
0.4270

 95.4166, 0.3021,
0.3642

 2.5627, 0.2704,
0.4601

 122.7412, 0.3030,
0.3612

 0.9080, 0.2265,
0.6233

154.8400, 0.3038,
0.3587

 0.0000, 0.0000,
0.0000

192.0974, 0.3045,

0.3566

234.8977, 0.3050,
0.3547

■ 26.1720, 0.2957,
0.3846

■ 26.1720, 0.2957,
0.3846

■ 25.1130, 0.2907,
0.4070

■ 27.4189, 0.3012,
0.3641

■ 24.2292, 0.2865,
0.4310

■ 28.8588, 0.3069,
0.3455

■ 23.5120, 0.2835,
0.4560

■ 30.5009, 0.3127,
0.3290

■ 22.9501, 0.2817,
0.4813

■ 32.3527, 0.3185,
0.3144

■ 22.5311, 0.2816,
0.5057

■ 34.4214, 0.3241,
0.3016

■ 22.2407, 0.2832,
0.5284

■ 36.7138, 0.3294,
0.2903

■ 22.0432, 0.2857,
0.5486

■ 39.2364, 0.3345,
0.2805

■ 22.0431, 0.2857,
0.5486

■ 41.9954, 0.3393,
0.2720

■ 44.9969, 0.3438,
0.2645

Harmonies

Analogous

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



26.1720, 0.3368, 0.4029



26.1720, 0.2957, 0.3846



26.1720, 0.2607, 0.3480

Triad

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



26.1720, 0.2957, 0.3846



26.1720, 0.2533, 0.2631



26.1720, 0.3912, 0.3418

Complementary

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



26.1720, 0.2957, 0.3846



18.3398, 0.3352, 0.2793

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.



26.1720, 0.3659, 0.3087



26.1720, 0.2957, 0.3846



26.1720, 0.2849, 0.2650

Square

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



26.1720, 0.2957, 0.3846



26.1720, 0.2375, 0.2776



26.1720, 0.3261, 0.2814



26.1720, 0.3935, 0.3741

Rectangle

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



26.1720, 0.2957, 0.3846



26.1720, 0.2450, 0.3207



26.1720, 0.3261, 0.2814



26.1720, 0.3851, 0.3305

Sweetspot

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



26.1731, 0.2957, 0.3846



51.1507, 0.3074, 0.3441



28.0473, 0.3408, 0.4056



11.2554, 0.3066, 0.3464



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.



26.1731, 0.2957, 0.3846



44.8966, 0.2923, 0.3995



26.7630, 0.2773, 0.3436



6.4984, 0.3074, 0.3441



18.2869, 0.2853, 0.5472



0.2289, 0.2623, 0.4642

Inverse Universe

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



18.3398, 0.3352, 0.2793



28.7904, 0.3417, 0.2679



17.7879, 0.3653, 0.3151



5.8767, 0.3185, 0.3143



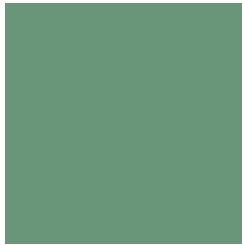
6.1481, 0.4241, 0.2110



0.0807, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 26.1720, 0.2957, 0.3846 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 26.1720, 0.2957, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

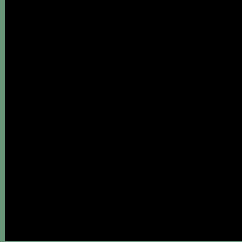
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1720, 0.2957, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 26.1720, 0.2957, 0.3846.



This preview shows how white text looks on a background with the Yxy color 26.1720, 0.2957, 0.3846.

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

26.1720, 0.2957, 0.3846

Protanopia

25.9061, 0.3470, 0.3690

Deuteranopia

25.8512, 0.3539, 0.3466



Tritanopia

26.1299, 0.2701, 0.3083

Trichromacy



Original Color

26.1720, 0.2957, 0.3846

Protanomaly

25.8348, 0.3267, 0.3744

Deuteranomaly

25.6503, 0.3301, 0.3597

Tritanomaly

26.1323, 0.2785, 0.3342

Monochromacy



Original Color

26.1720, 0.2957, 0.3846

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.2347, 0.3064, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1720, 0.2957, 0.3846 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(105, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 120)  
}
```

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(105, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.1720, 0.2957, 0.3846 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(105, 150, 120) }
```

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

```
.border{ border-color:rgb(105, 150, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1720, 0.2957, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 120) }
```

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

```
.background{ background-color: rgb(105,  
150, 120) }
```

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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