

Converting Colors

$Y_{xy}(26.1292, 0.3085, 0.4183)$

Have a look what the booklet for
Yxy(26.1292, 0.3085, 0.4183)
contains.

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Color

Yxy(26.0757, 0.3086, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	689768
RGB	104, 151, 104
RGB Percent	41%, 59%, 41%
CMY	0.5921, 0.4078, 0.5923
CMYK	0.31, 0.00, 0.31, 0.41
HSL	120°, 18%, 50%
HSV	120°, 31%, 59%
XYZ	19.2742, 26.0757, 17.1069
YIQ	131.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

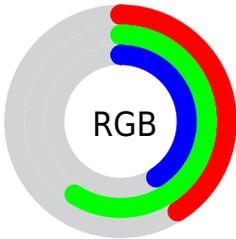
Format	Color
RYB	104, 151, 151
Decimal	6854504
CIELab	58.11, -25.68, 19.85
CIElCh	58, 32.461, 142.293
Yxy	26.0757, 0.3086, 0.4175
Android (android.graphics.Color)	4285044584 (0xFF689768)
YUV	131.5890, -13.6014, -24.1956
Hunter-Lab	51.0644, -21.9881, 15.8825

Details

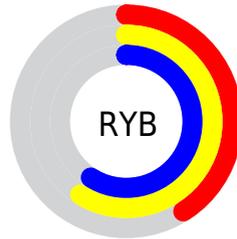
The Yxy color $26.0757, 0.3086, 0.4175$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.7060, 0.3162, 0.2540$, and the grayscale version is $22.9727, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1973, 0.3110, 0.3972$, and $10.1841, 0.3042, 0.4562$ is the 20% darker color. If you saturate the color by 10%, you get $24.9733, 0.3070, 0.4516$, and if you desaturate by 10%, it is $27.3968, 0.3101, 0.3857$.

Distribution



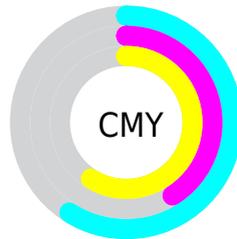
- Red (41%)
- Green (59%)
- Blue (41%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0757, 0.3086, 0.4175 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 26.0757, 0.3086, 0.4175 by changing the saturation by 10% instead.

 26.0757, 0.3086,
0.4175

 26.0757, 0.3086,
0.4175

283.1535, 0.3121,
0.3668

 16.8803, 0.3070,
0.4328

 53.3970, 0.3103,
0.3973

 10.1492, 0.3043,
0.4544

 72.2918, 0.3108,
0.3902

 5.4980, 0.2994,
0.4868

 95.1884, 0.3112,
0.3845

 2.5423, 0.2893,
0.5414

 122.4712, 0.3114,
0.3798

 0.8977, 0.2013,
0.7987

154.5248, 0.3117,
0.3758

 0.0000, 0.0000,
0.0000

191.7334, 0.3118,

0.3724

234.4815, 0.3119,
0.3694

■ 26.0757, 0.3086,
0.4175

■ 26.0757, 0.3086,
0.4175

■ 24.9733, 0.3070,
0.4516

■ 27.3968, 0.3101,
0.3857

■ 24.0748, 0.3054,
0.4866

■ 28.9440, 0.3114,
0.3571

■ 23.3685, 0.3038,
0.5206

■ 30.7284, 0.3126,
0.3317

■ 22.8407, 0.3024,
0.5508

■ 32.7594, 0.3136,
0.3096

■ 22.4752, 0.3012,
0.5748

■ 35.0458, 0.3145,
0.2905

■ 22.2533, 0.3005,
0.5909

■ 37.5961, 0.3153,
0.2740

■ 22.1348, 0.3000,
0.6000

■ 40.4184, 0.3159,
0.2599

■ 43.5203, 0.3165,
0.2478

■ 46.9093, 0.3170,
0.2373

Harmonies

Analogous

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



26.0757, 0.3622, 0.4288



26.0757, 0.3086, 0.4175



26.0757, 0.2587, 0.3742

Triad

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



26.0757, 0.3086, 0.4175



26.0757, 0.2253, 0.2471



26.0757, 0.4083, 0.3281

Complementary

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



26.0757, 0.3086, 0.4175



18.7060, 0.3162, 0.2540

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.



26.0757, 0.3651, 0.2881



26.0757, 0.3086, 0.4175



26.0757, 0.2587, 0.2430

Square

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



26.0757, 0.3086, 0.4175



26.0757, 0.2136, 0.2725



26.0757, 0.3091, 0.2579



26.0757, 0.4227, 0.3711

Rectangle

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



26.0757, 0.3086, 0.4175



26.0757, 0.2339, 0.3367



26.0757, 0.3091, 0.2579



26.0757, 0.3965, 0.3141

Sweetspot

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



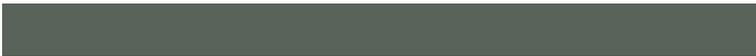
26.0768, 0.3086, 0.4175



52.4267, 0.3117, 0.3518



29.4611, 0.3586, 0.4033



11.8224, 0.3115, 0.3554



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.



26.0768, 0.3086, 0.4175



45.3528, 0.3076, 0.4398



26.6002, 0.2891, 0.3735



6.9258, 0.3116, 0.3520



18.8300, 0.3000, 0.6000



0.2816, 0.3001, 0.5999

Inverse Universe

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



18.7060, 0.3162, 0.2540



30.1167, 0.3169, 0.2385



18.0408, 0.3459, 0.2885



6.3234, 0.3137, 0.3071



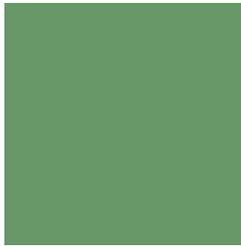
7.4882, 0.3207, 0.1540



0.1120, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 26.0757, 0.3086, 0.4175 looks on a white background.

Color Contrast Check

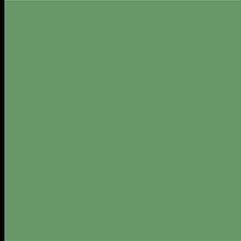
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0757, 0.3086, 0.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

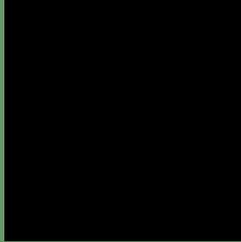
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

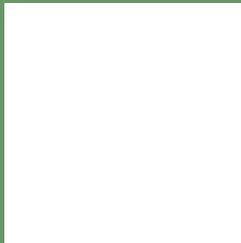
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0757, 0.3086, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 26.0757, 0.3086, 0.4175.



This preview shows how white text looks on a background with the Yxy color 26.0757, 0.3086, 0.4175.

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

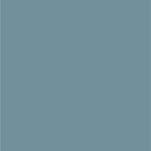
26.0757, 0.3086, 0.4175

Protanopia

25.8501, 0.3677, 0.3950

Deuteranopia

25.9194, 0.3759, 0.3700



Tritanopia

25.9242, 0.2725, 0.3083

Trichromacy



Original Color

26.0757, 0.3086, 0.4175

Protanomaly

25.5711, 0.3439, 0.4026

Deuteranomaly

25.5685, 0.3493, 0.3852

Tritanomaly

25.9886, 0.2853, 0.3469

Monochromacy



Original Color

26.0757, 0.3086, 0.4175

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0080, 0.3113, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0757, 0.3086, 0.4175 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, 151, 104)` looks like.

```
.text, #text, p{  
    color:rgb(104, 151, 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(104, 151, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 151, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.0757, 0.3086, 0.4175 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, 151, 104) }
```

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

```
.border{ border-color:rgb(104, 151, 104) }
```

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

Here you see how a box with a 4 pixel rgb(104, 151, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 151, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 151, 104);  
box-shadow:4px 4px 4px 4px rgb(104, 151,  
104) }
```

Background

The CSS property to change the background color of an element to Yxy 26.0757, 0.3086, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 151, 104) }
```

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

```
.background{ background-color: rgb(104,  
151, 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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