

Converting Colors

$Y_{xy}(26.3255, 0.3020, 0.4475)$

Have a look what the booklet for
Yxy(26.3255, 0.3020, 0.4475)
contains.

Yxy(26.3255, 0.3020, 0.4475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3255, 0.3020, 0.4475)

Conversions

Conversions Part 1

Format	Color
Hex	589B5E
RGB	88, 155, 94
RGB Percent	35%, 61%, 37%
CMY	0.6549, 0.3921, 0.6313
CMYK	0.43, 0.00, 0.39, 0.39
HSL	125°, 28%, 48%
HSV	125°, 43%, 61%
XYZ	17.7660, 26.3255, 14.7364
YIQ	128.0130, -20.3510, -33.1750

Conversions

Conversions Part 2

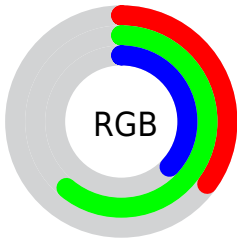
Format	Color
R_{YB}	88, 149, 155
Decimal	5806942
CIE _{Lab}	58.34, -34.57, 25.50
CIE _{LCh}	58, 42.954, 143.590
Yxy	26.3255, 0.3020, 0.4475
Android (android.graphics.Color)	4283997022 (0xFF589B5E)
YUV	128.0130, -16.7684, -35.0914
Hunter-Lab	51.3084, -27.9823, 18.8871

Details

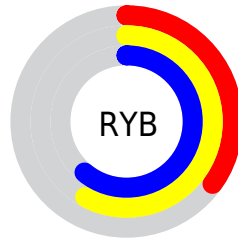
The Yxy color **26.3255, 0.3020, 0.4475** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.1170, 0.3255, 0.2339**, and the grayscale version is **21.6559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8002, 0.3057, 0.4201**, and **10.2631, 0.2930, 0.4965** is the 20% darker color. If you saturate the color by 10%, you get **25.4183, 0.2999, 0.4802**, and if you desaturate by 10%, it is **27.4420, 0.3044, 0.4159**.

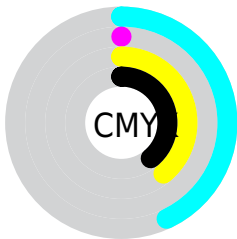
Distribution



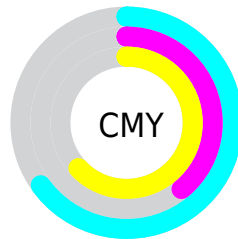
- Red (35%)
- Green (61%)
- Blue (37%)



- Red (35%)
- Yellow (58%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (39%)
- Black (39%)





- Cyan (65%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3255, 0.3020, 0.4475 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 26.3255, 0.3020, 0.4475 by changing the saturation by 10% instead.


 26.3255, 0.3020,
0.4475


 26.3255, 0.3020,
0.4475


284.3763, 0.3100,
0.3790


 17.0673, 0.2986,
0.4684


 53.7996, 0.3058,
0.4200


 10.2825, 0.2931,
0.4979


 72.7843, 0.3069,
0.4105

 5.5867, 0.2832,
0.5421

 95.7799, 0.3078,
0.4028

 2.5954, 0.2686,
0.6277

 123.1709, 0.3084,
0.3964

 0.9244, 0.0356,
0.9644

155.3417, 0.3090,
0.3910

 0.0000, 0.0000,
0.0000

192.6765, 0.3094,

0.3864

235.5600, 0.3097,
0.3824

■ 26.3255, 0.3020,
0.4475

■ 26.3255, 0.3020,
0.4475

■ 25.4183, 0.2999,
0.4802

■ 27.4420, 0.3044,
0.4159

■ 24.7044, 0.2983,
0.5123

■ 28.7762, 0.3069,
0.3864

■ 24.1705, 0.2974,
0.5417

■ 30.3402, 0.3095,
0.3597

■ 23.8006, 0.2972,
0.5663

■ 32.1439, 0.3119,
0.3360

■ 23.5753, 0.2978,
0.5844

■ 34.1969, 0.3143,
0.3152

 23.4753, 0.2980,
0.5928

 36.5083, 0.3165,
0.2972

 39.0865, 0.3185,
0.2815

 41.9397, 0.3203,
0.2680

 45.0757, 0.3220,
0.2564

Harmonies

Analogous

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



26.3255, 0.3716, 0.4613



26.3255, 0.3020, 0.4475



26.3255, 0.2390, 0.3861

Triad

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



26.3255, 0.3020, 0.4475



26.3255, 0.2024, 0.2228



26.3255, 0.4408, 0.3276

Complementary

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



26.3255, 0.3020, 0.4475



16.1170, 0.3255, 0.2339

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.



26.3255, 0.3843, 0.2779



26.3255, 0.3020, 0.4475



26.3255, 0.2447, 0.2201

Square

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



26.3255, 0.3020, 0.4475



26.3255, 0.1867, 0.2519



26.3255, 0.3100, 0.2399



26.3255, 0.4564, 0.3817

Rectangle

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



26.3255, 0.3020, 0.4475



26.3255, 0.2090, 0.3342



26.3255, 0.3100, 0.2399



26.3255, 0.4257, 0.3102

Sweetspot

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



26.3266, 0.3020, 0.4475



54.3265, 0.3095, 0.3598



30.5774, 0.3692, 0.4350



12.1565, 0.3089, 0.3651



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.3266, 0.3020, 0.4475



45.5508, 0.3000, 0.4795



27.0528, 0.2761, 0.3814



6.9341, 0.3105, 0.3499



18.8573, 0.2978, 0.5921



0.2840, 0.2877, 0.5558

Inverse Universe

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



16.1170, 0.3255, 0.2339



24.7812, 0.3290, 0.2147



15.2064, 0.3751, 0.2830



6.3141, 0.3150, 0.3090



7.1468, 0.3443, 0.1670



0.1093, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 26.3255, 0.3020, 0.4475 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 26.3255, 0.3020, 0.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

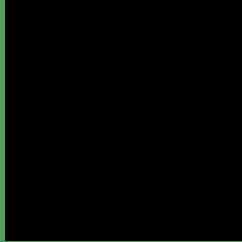
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3255, 0.3020, 0.4475

Background



This preview shows how black text looks on a background with the Yxy color 26.3255, 0.3020, 0.4475.



This preview shows how white text looks on a background with the Yxy color 26.3255, 0.3020, 0.4475.

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

26.3255, 0.3020, 0.4475

Protanopia

26.1361, 0.3810, 0.4133

Deuteranopia

26.0580, 0.3898, 0.3832



Tritanopia

26.1954, 0.2607, 0.3080

Trichromacy



Original Color

26.3255, 0.3020, 0.4475

Protanomaly

25.6561, 0.3493, 0.4262

Deuteranomaly

25.6123, 0.3542, 0.4065

Tritanomaly

26.1033, 0.2761, 0.3566

Monochromacy



Original Color

26.3255, 0.3020, 0.4475

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.9486, 0.3075, 0.3704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3255, 0.3020, 0.4475 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(88, 155, 94)` looks like.

```
.text, #text, p{  
    color:rgb(88, 155, 94)  
}
```

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(88, 155, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 155, 94) }
```

Border

The CSS property to change the border of an element to Yxy 26.3255, 0.3020, 0.4475 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(88, 155, 94) }
```

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

```
.border{ border-color:rgb(88, 155, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 155, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 155, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 155, 94);  
box-shadow:4px 4px 4px 4px rgb(88, 155,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3255, 0.3020, 0.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 155, 94) }
```

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

```
.background{ background-color: rgb(88, 155,  
94) }
```

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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