

Converting Colors

$Yxy(26.5290, 0.3028, 0.4788)$

Have a look what the booklet for
Yxy(26.5290, 0.3028, 0.4788)
contains.

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Color

$\text{Yxy}(26.6675, 0.3033, 0.4799)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4E9E51 |
| RGB | 78, 158, 81 |
| RGB Percent | 31%, 62%, 32% |
| CMY | 0.6941, 0.3804, 0.6823 |
| CMYK | 0.51, 0.00, 0.49, 0.38 |
| HSL | 122°, 34%, 46% |
| HSV | 122°, 51%, 62% |
| XYZ | 16.8540, 26.6675, 12.0473 |
| YIQ | 125.3020, -22.9630, -40.9070 |

Conversions

Conversions Part 2

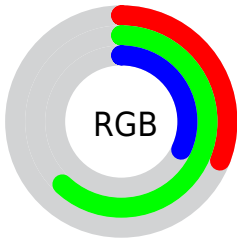
| Format | Color |
|-------------------------------------|--|
| RYB | 78, 155, 158 |
| Decimal | 5152337 |
| CIELab | 58.67, -40.93, 32.72 |
| CIElCh | 59, 52.399, 141.362 |
| Yxy | 26.6675, 0.3033, 0.4799 |
| Android (android.graphics.Color) | 4283342417 (0xFF4E9E51) |
| YUV | 125.3020, -21.8409, -41.4839 |
| Hunter-Lab | 51.6406, -32.1136, 22.3165 |

Details

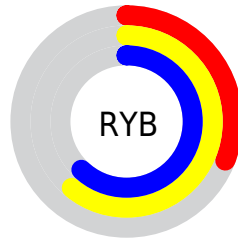
The Yxy color $26.6675, 0.3033, 0.4799$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $15.0829, 0.3224, 0.2138$, and the grayscale version is $20.6967, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2410, 0.3080, 0.4439$, and $10.5280, 0.2917, 0.5443$ is the 20% darker color. If you saturate the color by 10%, you get $25.8764, 0.3017, 0.5134$, and if you desaturate by 10%, it is $27.6722, 0.3052, 0.4458$.

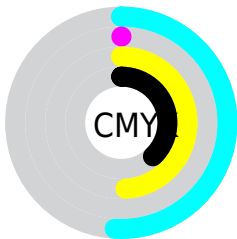
Distribution



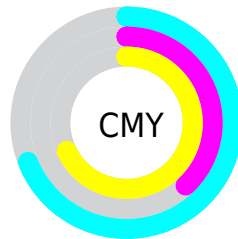
- Red (31%)
- Green (62%)
- Blue (32%)



- Red (31%)
- Yellow (61%)
- Blue (62%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)




- Cyan (69%)
- Magenta (38%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6675, 0.3033, 0.4799 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 26.6675, 0.3033, 0.4799 by changing the saturation by 10% instead.


 26.6675, 0.3033,
0.4799

 26.6675, 0.3033,
0.4799


286.0436, 0.3120,
0.3922


 17.3237, 0.2990,
0.5065


 54.3498, 0.3078,
0.4447


 10.4655, 0.2916,
0.5437


 73.4572, 0.3091,
0.4325

 5.7087, 0.2777,
0.5984

 96.5877, 0.3099,
0.4226

 2.6688, 0.2668,
0.7332

 124.1260, 0.3106,
0.4144

 0.9614, 0.0000,
1.0000

 156.4563, 0.3111,
0.4076

 0.0000, 0.0000,
0.0000

193.9631, 0.3114,

0.4017

237.0307, 0.3117,
0.3966

■ 26.6675, 0.3033,
0.4799

■ 26.6675, 0.3033,
0.4799

■ 25.8764, 0.3017,
0.5134

■ 27.6722, 0.3052,
0.4458

■ 25.2805, 0.3004,
0.5440

■ 28.9009, 0.3071,
0.4128

■ 24.8637, 0.2996,
0.5692

■ 30.3671, 0.3090,
0.3823

■ 24.6059, 0.2994,
0.5870

■ 32.0825, 0.3109,
0.3548

■ 24.4679, 0.2992,
0.5971

■ 34.0578, 0.3126,
0.3304

■ 36.3033, 0.3142,
0.3092

■ 38.8285, 0.3156,
0.2909

■ 41.6428, 0.3169,
0.2750

■ 44.7547, 0.3180,
0.2614

Harmonies

Analogous

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



26.6675, 0.3856, 0.4874



26.6675, 0.3033, 0.4799



26.6675, 0.2280, 0.4061

Triad

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



26.6675, 0.3033, 0.4799



26.6675, 0.1806, 0.2047



26.6675, 0.4646, 0.3201

Complementary

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



26.6675, 0.3033, 0.4799



15.0829, 0.3224, 0.2138

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.



26.6675, 0.3926, 0.2640



26.6675, 0.3033, 0.4799



26.6675, 0.2266, 0.2006

Square

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



26.6675, 0.3033, 0.4799



26.6675, 0.1648, 0.2391



26.6675, 0.3019, 0.2218



26.6675, 0.4857, 0.3822

Rectangle

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



26.6675, 0.3033, 0.4799



26.6675, 0.1921, 0.3406



26.6675, 0.3019, 0.2218



26.6675, 0.4452, 0.3003

Sweetspot

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



26.6686, 0.3033, 0.4799



56.7516, 0.3100, 0.3672



32.0067, 0.3821, 0.4499



12.6565, 0.3097, 0.3727



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.6686, 0.3033, 0.4799



46.7986, 0.3014, 0.5184



27.4465, 0.2743, 0.4005



7.4049, 0.3111, 0.3512



19.5968, 0.2991, 0.5968



0.3515, 0.2948, 0.5811

Inverse Universe

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



15.0829, 0.3224, 0.2138



23.2735, 0.3246, 0.1930



13.9626, 0.3844, 0.2692



6.7502, 0.3143, 0.3078



7.6393, 0.3304, 0.1594



0.1378, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 26.6675, 0.3033, 0.4799 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 26.6675, 0.3033, 0.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

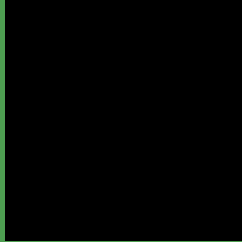
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6675, 0.3033, 0.4799

Background



This preview shows how black text looks on a background with the Yxy color 26.6675, 0.3033, 0.4799.



This preview shows how white text looks on a background with the Yxy color 26.6675, 0.3033, 0.4799.

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

26.6675, 0.3033, 0.4799

Protanopia

26.2327, 0.3972, 0.4311

Deuteranopia

26.2844, 0.4077, 0.3996



Tritanopia

26.5549, 0.2551, 0.3079

Trichromacy



Original Color

26.6675, 0.3033, 0.4799

Protanomaly

25.9153, 0.3577, 0.4516

Deuteranomaly

25.6192, 0.3643, 0.4285

Tritanomaly

26.2463, 0.2724, 0.3664

Monochromacy



Original Color

26.6675, 0.3033, 0.4799

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.1836, 0.3091, 0.3833

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6675, 0.3033, 0.4799 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(78, 158, 81)` looks like.

```
.text, #text, p{  
    color:rgb(78, 158, 81)  
}
```

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(78, 158, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 158, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.6675, 0.3033, 0.4799 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(78, 158, 81) }
```

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

```
.border{ border-color:rgb(78, 158, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 158, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 158, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 158, 81);  
box-shadow:4px 4px 4px 4px rgb(78, 158,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6675, 0.3033, 0.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 158, 81) }
```

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

```
.background{ background-color: rgb(78, 158,  
81) }
```

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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