

Converting Colors

$Yxy(26.4741, 0.2744, 0.4824)$

Have a look what the booklet for
Yxy(26.4741, 0.2744, 0.4824)
contains.

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Color

Yxy(26.4849, 0.2744, 0.4826)

Conversions

Conversions Part 1

Format	Color
Hex	20A157
RGB	32, 161, 87
RGB Percent	13%, 63%, 34%
CMY	0.8748, 0.3686, 0.6588
CMYK	0.80, 0.00, 0.46, 0.37
HSL	146°, 67%, 38%
HSV	146°, 80%, 63%
XYZ	15.0590, 26.4849, 13.3357
YIQ	113.9930, -53.1300, -50.3620

Conversions

Conversions Part 2

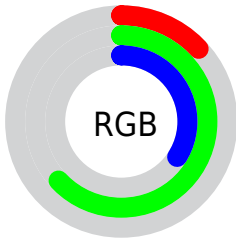
Format	Color
R_{YB}	32, 122, 161
Decimal	2138455
CIE _{Lab}	58.49, -50.54, 29.12
CIE _{LCh}	58, 58.329, 150.055
Yxy	26.4849, 0.2744, 0.4826
Android (android.graphics.Color)	4280328535 (0xFF20A157)
YUV	113.9930, -13.3075, -71.9079
Hunter-Lab	51.4635, -37.8294, 20.6606

Details

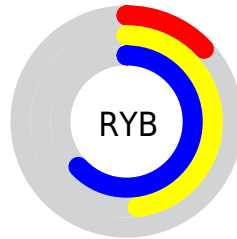
The Yxy color **26.4849, 0.2744, 0.4826** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9.6454, 0.4241, 0.2297**, and the grayscale version is **16.8711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1133, 0.2847, 0.4460**, and **10.8716, 0.2820, 0.5351** is the 20% darker color. If you saturate the color by 10%, you get **26.1474, 0.2758, 0.5035**, and if you desaturate by 10%, it is **26.9697, 0.2748, 0.4607**.

Distribution



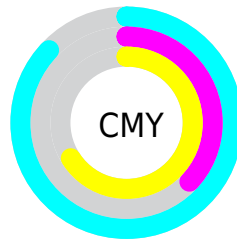
- Red (13%)
- Green (63%)
- Blue (34%)



- Red (13%)
- Yellow (48%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (46%)
- Black (37%)





- Cyan (87%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4849, 0.2744, 0.4826 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 26.4849, 0.2744, 0.4826 by changing the saturation by 10% instead.

 26.4849, 0.2744,
0.4826


 26.4849, 0.2744,
0.4826


285.1544, 0.2988,
0.3925


 17.1867, 0.2658,
0.5106


 54.0562, 0.2849,
0.4460


 10.3677, 0.2528,
0.5503


 73.0981, 0.2883,
0.4335

 5.6434, 0.2315,
0.6099

 96.1567, 0.2910,
0.4234

 2.6295, 0.2015,
0.7438

 123.6165, 0.2932,
0.4150

 0.9415, 0.0000,
1.0000

 155.8617, 0.2950,
0.4080

 0.0000, 0.0000,
0.0000

 193.2768, 0.2964,

0.4020

236.2463, 0.2977,
0.3969

■ 26.4849, 0.2744,
0.4826

■ 26.4849, 0.2744,
0.4826

■ 26.1474, 0.2758,
0.5035

■ 26.9697, 0.2748,
0.4607

■ 25.9180, 0.2785,
0.5227

■ 27.6155, 0.2770,
0.4386

■ 28.4379, 0.2808,
0.4170

■ 29.4496, 0.2858,
0.3964

■ 30.6622, 0.2918,
0.3771

■ 32.0864, 0.2984,
0.3595

■ 33.7320, 0.3054,
0.3435

■ 35.6082, 0.3126,
0.3292

■ 37.7237, 0.3197,
0.3166

Harmonies

Analogous

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



26.4849, 0.3647, 0.5109



26.4849, 0.2744, 0.4826



26.4849, 0.1995, 0.3830

Triad

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



26.4849, 0.2744, 0.4826



26.4849, 0.1795, 0.1887



26.4849, 0.4951, 0.3361

Complementary

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



26.4849, 0.2744, 0.4826



9.6454, 0.4241, 0.2297

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.



26.4849, 0.4290, 0.2735



26.4849, 0.2744, 0.4826



26.4849, 0.2384, 0.1931

Square

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



26.4849, 0.2744, 0.4826



26.4849, 0.1533, 0.2145



26.4849, 0.3287, 0.2230



26.4849, 0.4980, 0.4039

Rectangle

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



26.4849, 0.2744, 0.4826



26.4849, 0.1682, 0.3103



26.4849, 0.3287, 0.2230



26.4849, 0.4795, 0.3145

Sweetspot

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



26.4860, 0.2744, 0.4826



56.3212, 0.2956, 0.3668



28.7353, 0.3554, 0.5348



12.1676, 0.2934, 0.3728



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.



26.4860, 0.2744, 0.4826



46.5126, 0.2781, 0.5184



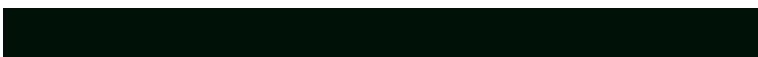
28.0078, 0.2351, 0.3490



7.9429, 0.3061, 0.3422



20.7060, 0.2781, 0.5212



0.4445, 0.2579, 0.4484

Inverse Universe

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



9.6454, 0.4241, 0.2297



15.1926, 0.4587, 0.2321



8.7785, 0.5679, 0.3187



7.1508, 0.3200, 0.3162



6.6812, 0.4617, 0.2317



0.1496, 0.3988, 0.1971

Previews

White Background



This preview shows how the Yxy color 26.4849, 0.2744, 0.4826 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 26.4849, 0.2744, 0.4826 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 26.4849, 0.2744, 0.4826

Background



This preview shows how black text looks on a background with the Yxy color 26.4849, 0.2744, 0.4826.



This preview shows how white text looks on a background with the Yxy color 26.4849, 0.2744, 0.4826.

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

26.4849, 0.2744, 0.4826

Protanopia

26.0930, 0.3910, 0.4264

Deuteranopia

26.0738, 0.3965, 0.3904



Tritanopia

26.3664, 0.2356, 0.3055

Trichromacy



Original Color

26.4849, 0.2744, 0.4826



Protanomaly

25.0402, 0.3331, 0.4528



Deuteranomaly

24.5534, 0.3362, 0.4270



Tritanomaly

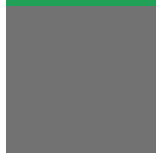
26.0331, 0.2482, 0.3639

Monochromacy



Original Color

26.4849, 0.2744, 0.4826



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

19.1169, 0.2888, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4849, 0.2744, 0.4826 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(32, 161, 87)` looks like.

```
.text, #text, p{  
    color:rgb(32, 161, 87)  
}
```

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(32, 161, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 161, 87) }
```

Border

The CSS property to change the border of an element to Yxy 26.4849, 0.2744, 0.4826 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(32, 161, 87) }
```

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

```
.border{ border-color:rgb(32, 161, 87) }
```

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

Here you see how a box with a 4 pixel rgb(32, 161, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 161, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 161, 87);  
box-shadow:4px 4px 4px 4px rgb(32, 161,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4849, 0.2744, 0.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 161, 87) }
```

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

```
.background{ background-color: rgb(32, 161,  
87) }
```

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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