

Converting Colors

$Y_{xy}(26.6538, 0.3538, 0.4556)$

Have a look what the booklet for
Yxy(26.6538, 0.3538, 0.4556)
contains.

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Color

Yxy(26.7085, 0.3539, 0.4566)

Conversions

Conversions Part 1

Format	Color
Hex	7D964D
RGB	125, 150, 77
RGB Percent	49%, 59%, 30%
CMY	0.5099, 0.4117, 0.6980
CMYK	0.17, 0.00, 0.49, 0.41
HSL	81°, 32%, 45%
HSV	81°, 49%, 59%
XYZ	20.7011, 26.7085, 11.0847
YIQ	134.2030, 8.5330, -28.0030

Conversions

Conversions Part 2

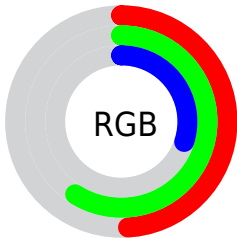
Format	Color
RYB	77, 150, 102
Decimal	8230477
CIELab	58.70, -21.17, 35.41
CIELCh	59, 41.257, 120.868
Yxy	26.7085, 0.3539, 0.4566
Android (android.graphics.Color)	4286420557 (0xFF7D964D)
YUV	134.2030, -28.2011, -8.0710
Hunter-Lab	51.6803, -18.9402, 23.4593

Details

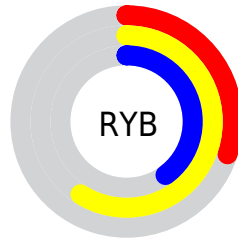
The Yxy color **26.7085, 0.3539, 0.4566** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10.3361, 0.2521, 0.1910**, and the grayscale version is **24.0214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3279, 0.3471, 0.4278**, and **10.4682, 0.3616, 0.5042** is the 20% darker color. If you saturate the color by 10%, you get **26.1447, 0.3596, 0.4822**, and if you desaturate by 10%, it is **27.3436, 0.3467, 0.4296**.

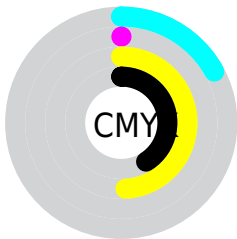
Distribution



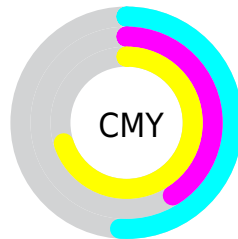
- Red (49%)
- Green (59%)
- Blue (30%)



- Red (30%)
- Yellow (59%)
- Blue (40%)



- Cyan (17%)
- Magenta (0%)
- Yellow (49%)
- Black (41%)




- Cyan (51%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7085, 0.3539, 0.4566 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 26.7085, 0.3539, 0.4566 by changing the saturation by 10% instead.

 26.7085, 0.3539,
0.4566


 26.7085, 0.3539,
0.4566


286.2429, 0.3341,
0.3849


 17.3544, 0.3578,
0.4770


 54.4157, 0.3472,
0.4286


 10.4875, 0.3616,
0.5045


 73.5377, 0.3445,
0.4187

 5.7234, 0.3639,
0.5428

 96.6844, 0.3422,
0.4105

 2.6776, 0.3755,
0.6245

 124.2403, 0.3401,
0.4037

 0.9658, 0.2924,
0.7076

 156.5896, 0.3383,
0.3979

 0.0000, 0.0000,
0.0000

194.1169, 0.3367,

0.3930

237.2066, 0.3353,
0.3887

■ 26.7085, 0.3539,
0.4566

■ 26.7085, 0.3539,
0.4566

■ 26.1447, 0.3596,
0.4822

■ 27.3436, 0.3467,
0.4296

■ 25.6448, 0.3635,
0.5052

■ 28.0498, 0.3384,
0.4023

■ 25.2061, 0.3651,
0.5245


■ 28.8314, 0.3296,
0.3755

■ 24.8236, 0.3643,
0.5393

■ 29.6914, 0.3205,
0.3499

■ 24.4876, 0.3615,
0.5501

■ 30.6323, 0.3115,
0.3259

 24.4447, 0.3611,
0.5515

 31.6569, 0.3028,
0.3037

 32.7676, 0.2945,
0.2835

 33.9667, 0.2867,
0.2651

 35.2564, 0.2794,
0.2484

Harmonies

Analogous

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



26.7085, 0.4132, 0.4373



26.7085, 0.3539, 0.4566



26.7085, 0.2869, 0.4309

Triad

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



26.7085, 0.3539, 0.4566



26.7085, 0.1927, 0.2460



26.7085, 0.3970, 0.2909

Complementary

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



26.7085, 0.3539, 0.4566



10.3361, 0.2521, 0.1910

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.



26.7085, 0.3276, 0.2507



26.7085, 0.3539, 0.4566



26.7085, 0.2143, 0.2241

Square

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



26.7085, 0.3539, 0.4566



26.7085, 0.1977, 0.2951



26.7085, 0.2611, 0.2269



26.7085, 0.4428, 0.3407

Rectangle

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



26.7085, 0.3539, 0.4566



26.7085, 0.2470, 0.3899



26.7085, 0.2611, 0.2269



26.7085, 0.3751, 0.2761

Sweetspot

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



26.7097, 0.3539, 0.4566



51.3713, 0.3265, 0.3667



16.3932, 0.4209, 0.3709



11.3223, 0.3282, 0.3716



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.



26.7097, 0.3539, 0.4566



46.0897, 0.3599, 0.4833



24.4833, 0.3166, 0.4731



6.6461, 0.3210, 0.3512



20.2896, 0.3616, 0.5511



0.2647, 0.3891, 0.5292

Inverse Universe

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



10.3361, 0.2521, 0.1910



13.8179, 0.2354, 0.1593



12.8994, 0.3008, 0.2085



5.7238, 0.3039, 0.3065



2.4355, 0.1780, 0.0754



0.0449, 0.2260, 0.1019

Previews

White Background



This preview shows how the Yxy color 26.7085, 0.3539, 0.4566 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 26.7085, 0.3539, 0.4566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

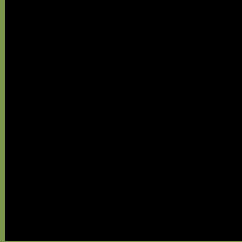
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7085, 0.3539, 0.4566

Background



This preview shows how black text looks on a background with the Yxy color 26.7085, 0.3539, 0.4566.



This preview shows how white text looks on a background with the Yxy color 26.7085, 0.3539, 0.4566.

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

26.7085, 0.3539, 0.4566

Protanopia

26.5127, 0.3973, 0.4339

Deuteranopia

26.4149, 0.4164, 0.4070



Tritanopia

26.7968, 0.2949, 0.3109

Trichromacy



Original Color

26.7085, 0.3539, 0.4566

Protanomaly

26.3838, 0.3811, 0.4421

Deuteranomaly

26.3039, 0.3924, 0.4240

Tritanomaly

26.5568, 0.3174, 0.3635

Monochromacy



Original Color

26.7085, 0.3539, 0.4566

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.7737, 0.3303, 0.3768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7085, 0.3539, 0.4566 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(125, 150, 77)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 77)  
}
```

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(125, 150, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 77) }
```

Border

The CSS property to change the border of an element to Yxy 26.7085, 0.3539, 0.4566 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(125, 150, 77) }
```

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

```
.border{ border-color:rgb(125, 150, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 150, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 77);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
77) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.7085, 0.3539, 0.4566$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 77) }
```

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

```
.background{ background-color: rgb(125,  
150, 77) }
```

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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