

Converting Colors

$Y_{xy}(26.2780, 0.3435, 0.4321)$

Have a look what the booklet for
Yxy(26.2780, 0.3435, 0.4321)
contains.

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Color

Yxy(26.2780, 0.3435, 0.4321)

Conversions

Conversions Part 1

Format	Color
Hex	7D945A
RGB	125, 148, 90
RGB Percent	49%, 58%, 35%
CMY	0.5099, 0.4196, 0.6470
CMYK	0.16, 0.00, 0.39, 0.42
HSL	84°, 24%, 47%
HSV	84°, 39%, 58%
XYZ	20.8898, 26.2780, 13.6468
YIQ	134.5110, 4.9100, -22.9140

Conversions

Conversions Part 2

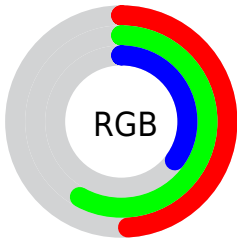
Format	Color
R_{YB}	90, 148, 113
Decimal	8229978
CIE _{Lab}	58.30, -18.52, 28.01
CIE _{LCh}	58, 33.581, 123.464
Yxy	26.2780, 0.3435, 0.4321
Android (android.graphics.Color)	4286420058 (0xFF7D945A)
YUV	134.5110, -21.9439, -8.3411
Hunter-Lab	51.2621, -16.9680, 20.0995

Details

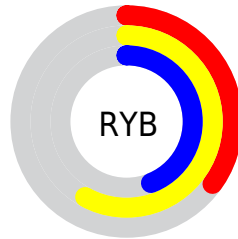
The Yxy color $26.2780, 0.3435, 0.4321$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.9676, 0.2705, 0.2217$, and the grayscale version is $24.1184, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6291, 0.3377, 0.4090$, and $10.2197, 0.3510, 0.4712$ is the 20% darker color. If you saturate the color by 10%, you get $25.6222, 0.3497, 0.4598$, and if you desaturate by 10%, it is $27.0125, 0.3362, 0.4042$.

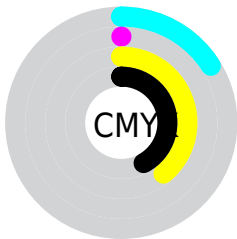
Distribution



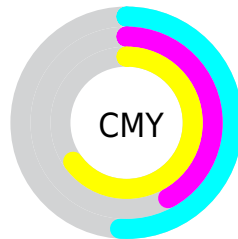
- Red (49%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)





- Cyan (51%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2780, 0.3435, 0.4321 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 26.2780, 0.3435, 0.4321 by changing the saturation by 10% instead.


 26.2780, 0.3435,
0.4321


 26.2780, 0.3435,
0.4321

284.1441, 0.3282,
0.3739


 17.0317, 0.3469,
0.4491


 53.7231, 0.3382,
0.4092


 10.2571, 0.3506,
0.4724


 72.6907, 0.3361,
0.4011

 5.5698, 0.3541,
0.5060

 95.6675, 0.3343,
0.3945

 2.5853, 0.3674,
0.5774

 123.0380, 0.3327,
0.3890

 0.9193, 0.3143,
0.6857

155.1865, 0.3314,
0.3844

 0.0000, 0.0000,
0.0000

192.4974, 0.3302,

0.3804

235.3552, 0.3292,
0.3769

■ 26.2780, 0.3435,
0.4321

■ 26.2780, 0.3435,
0.4321

■ 25.6222, 0.3497,
0.4598

■ 27.0125, 0.3362,
0.4042

■ 25.0382, 0.3545,
0.4862

■ 27.8254, 0.3283,
0.3771

■ 24.5234, 0.3573,
0.5101


■ 28.7209, 0.3202,
0.3512


■ 24.0736, 0.3580,
0.5303


■ 29.7018, 0.3121,
0.3271

■ 23.6839, 0.3563,
0.5458


■ 30.7706, 0.3041,
0.3049

 23.3437, 0.3529,
0.5573

 31.9301, 0.2965,
0.2847

 23.3172, 0.3527,
0.5582

 33.1824, 0.2894,
0.2664

 34.5301, 0.2827,
0.2500

 35.9752, 0.2764,
0.2352

Harmonies

Analogous

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



26.2780, 0.3933, 0.4218



26.2780, 0.3435, 0.4321



26.2780, 0.2879, 0.4071

Triad

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



26.2780, 0.3435, 0.4321



26.2780, 0.2126, 0.2583



26.2780, 0.3860, 0.3013

Complementary

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



26.2780, 0.3435, 0.4321



12.9676, 0.2705, 0.2217

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.



26.2780, 0.3307, 0.2658



26.2780, 0.3435, 0.4321



26.2780, 0.2331, 0.2407

Square

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



26.2780, 0.3435, 0.4321



26.2780, 0.2153, 0.2981



26.2780, 0.2747, 0.2442



26.2780, 0.4209, 0.3444

Rectangle

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



26.2780, 0.3435, 0.4321



26.2780, 0.2552, 0.3735



26.2780, 0.2747, 0.2442



26.2780, 0.3689, 0.2883

Sweetspot

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



26.2792, 0.3435, 0.4321



50.1702, 0.3227, 0.3589



18.6780, 0.3914, 0.3677



11.4108, 0.3236, 0.3619



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.



26.2792, 0.3435, 0.4321



45.3393, 0.3490, 0.4564



24.4509, 0.3138, 0.4423



6.6309, 0.3202, 0.3513



19.9296, 0.3530, 0.5579



0.2611, 0.3836, 0.5336

Inverse Universe

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



12.9676, 0.2705, 0.2217



18.4752, 0.2583, 0.1952



15.1373, 0.3079, 0.2327



5.7387, 0.3047, 0.3066



2.6303, 0.1863, 0.0800



0.0485, 0.2360, 0.1074

Previews

White Background



This preview shows how the Yxy color 26.2780, 0.3435, 0.4321 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 26.2780, 0.3435, 0.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

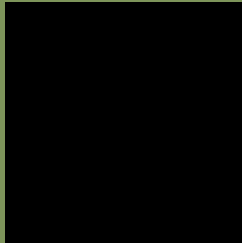
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2780, 0.3435, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 26.2780, 0.3435, 0.4321.



This preview shows how white text looks on a background with the Yxy color 26.2780, 0.3435, 0.4321.

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

26.2780, 0.3435, 0.4321

Protanopia

26.2166, 0.3832, 0.4145

Deuteranopia

26.1653, 0.3988, 0.3916



Tritanopia

26.3033, 0.2938, 0.3108

Trichromacy



Original Color

26.2780, 0.3435, 0.4321

Protanomaly

26.1891, 0.3685, 0.4212

Deuteranomaly

25.9133, 0.3775, 0.4056

Tritanomaly

26.2773, 0.3126, 0.3549

Monochromacy



Original Color

26.2780, 0.3435, 0.4321

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.9134, 0.3241, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2780, 0.3435, 0.4321 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, 148, 90)` looks like.

```
.text, #text, p{  
    color:rgb(125, 148, 90)  
}
```

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, 148, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 148, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.2780, 0.3435, 0.4321 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, 148, 90) }
```

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

```
.border{ border-color:rgb(125, 148, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 148, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 148, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 148, 90);  
box-shadow:4px 4px 4px 4px rgb(125, 148,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2780, 0.3435, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 148, 90) }
```

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

```
.background{ background-color: rgb(125,  
148, 90) }
```

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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