

Converting Colors

$Y_{xy}(24.3261, 0.3425, 0.4320)$

Have a look what the booklet for
Yxy(24.3261, 0.3425, 0.4320)
contains.

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Color

Yxy(24.3261, 0.3425, 0.4320)

Conversions

Conversions Part 1

Format	Color
Hex	788F57
RGB	120, 143, 87
RGB Percent	47%, 56%, 34%
CMY	0.5295, 0.4392, 0.6588
CMYK	0.16, 0.00, 0.39, 0.44
HSL	85°, 24%, 45%
HSV	85°, 39%, 56%
XYZ	19.2863, 24.3261, 12.6980
YIQ	129.7390, 4.2680, -22.2920

Conversions

Conversions Part 2

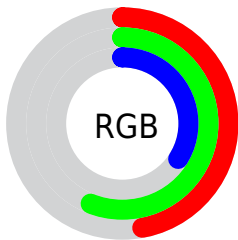
Format	Color
RYB	87, 143, 110
Decimal	7901015
CIELab	56.41, -18.31, 27.14
CIELCh	56, 32.735, 124.009
Yxy	24.3261, 0.3425, 0.4320
Android (android.graphics.Color)	4286091095 (0xFF788F57)
YUV	129.7390, -21.0703, -8.5411
Hunter-Lab	49.3215, -16.5133, 19.2606

Details

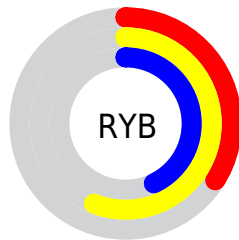
The Yxy color **24.3261, 0.3425, 0.4320** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.1197, 0.2718, 0.2225**, and the grayscale version is **22.3002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6517, 0.3368, 0.4083**, and **9.2840, 0.3491, 0.4750** is the 20% darker color. If you saturate the color by 10%, you get **23.7084, 0.3485, 0.4598**, and if you desaturate by 10%, it is **25.0181, 0.3355, 0.4041**.

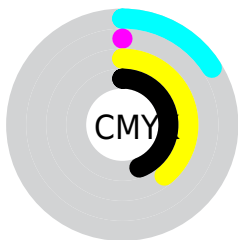
Distribution



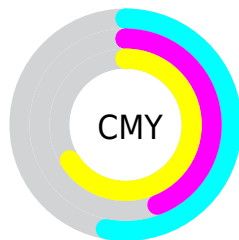
- Red (47%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (43%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (44%)





- Cyan (53%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3261, 0.3425, 0.4320 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 24.3261, 0.3425, 0.4320 by changing the saturation by 10% instead.


 24.3261, 0.3425,
0.4320


 24.3261, 0.3425,
0.4320


274.4650, 0.3276,
0.3732


 15.5757, 0.3458,
0.4495


 50.5618, 0.3373,
0.4086


 9.2244, 0.3495,
0.4738


 68.8159, 0.3352,
0.4005


 4.8878, 0.3527,
0.5093

 91.0068, 0.3335,
0.3938

 2.1816, 0.3755,
0.6021

 117.5186, 0.3319,
0.3883

 0.7099, 0.2429,
0.7571

 148.7360, 0.3306,
0.3836

 0.0000, 0.0000,
0.0000

185.0433, 0.3295,

0.3796

226.8248, 0.3285,
0.3762

■ 24.3261, 0.3425,
0.4320

■ 24.3261, 0.3425,
0.4320

■ 23.7084, 0.3485,
0.4598

■ 25.0181, 0.3355,
0.4041

■ 23.1586, 0.3530,
0.4864

■ 25.7841, 0.3278,
0.3769

■ 22.6742, 0.3557,
0.5106


■ 26.6281, 0.3199,
0.3511


■ 22.2514, 0.3562,
0.5310


■ 27.5526, 0.3121,
0.3270


■ 21.8855, 0.3545,
0.5469


■ 28.5600, 0.3044,
0.3049


 21.5666, 0.3510,
0.5588

 29.6529, 0.2970,
0.2848

 21.5409, 0.3507,
0.5597

 30.8333, 0.2900,
0.2667

 32.1035, 0.2835,
0.2503

 33.4657, 0.2774,
0.2356

Harmonies

Analogous

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



24.3261, 0.3926, 0.4223



24.3261, 0.3425, 0.4320



24.3261, 0.2869, 0.4063

Triad

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



24.3261, 0.3425, 0.4320



24.3261, 0.2127, 0.2578



24.3261, 0.3869, 0.3020

Complementary

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



24.3261, 0.3425, 0.4320



12.1197, 0.2718, 0.2225

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.



24.3261, 0.3317, 0.2664



24.3261, 0.3425, 0.4320



24.3261, 0.2337, 0.2405

Square

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



24.3261, 0.3425, 0.4320



24.3261, 0.2150, 0.2972



24.3261, 0.2756, 0.2444



24.3261, 0.4213, 0.3452

Rectangle

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



24.3261, 0.3425, 0.4320



24.3261, 0.2544, 0.3725



24.3261, 0.2756, 0.2444



24.3261, 0.3699, 0.2890

Sweetspot

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



24.3272, 0.3425, 0.4320



47.1972, 0.3224, 0.3589



17.5539, 0.3904, 0.3692



10.7837, 0.3233, 0.3618



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.3272, 0.3425, 0.4320



42.5749, 0.3479, 0.4566



22.6428, 0.3128, 0.4422



6.1763, 0.3200, 0.3511



19.0562, 0.3510, 0.5595



0.1951, 0.3821, 0.5348

Inverse Universe

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



12.1197, 0.2718, 0.2225



17.5325, 0.2598, 0.1960



14.1548, 0.3092, 0.2334



5.3565, 0.3050, 0.3067



2.5825, 0.1888, 0.0814



0.0371, 0.2385, 0.1087

Previews

White Background



This preview shows how the Yxy color 24.3261, 0.3425, 0.4320 looks on a white background.

Color Contrast Check

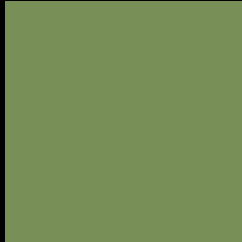
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3261, 0.3425, 0.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

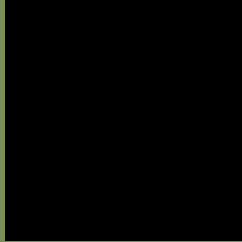
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3261, 0.3425, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 24.3261, 0.3425, 0.4320.



This preview shows how white text looks on a background with the Yxy color 24.3261, 0.3425, 0.4320.

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

24.3261, 0.3425, 0.4320

Protanopia

24.1711, 0.3822, 0.4143

Deuteranopia

24.1201, 0.3983, 0.3906



Tritanopia

24.3041, 0.2932, 0.3102

Trichromacy



Original Color

24.3261, 0.3425, 0.4320

Protanomaly

24.1512, 0.3670, 0.4212

Deuteranomaly

23.9745, 0.3775, 0.4047

Tritanomaly

24.3059, 0.3115, 0.3540

Monochromacy



Original Color

24.3261, 0.3425, 0.4320

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9785, 0.3245, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3261, 0.3425, 0.4320 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(120, 143, 87)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 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(120, 143, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 87) }
```

Border

The CSS property to change the border of an element to Yxy 24.3261, 0.3425, 0.4320 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(120, 143, 87) }
```

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

```
.border{ border-color:rgb(120, 143, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 143, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 143, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 143, 87);  
box-shadow:4px 4px 4px 4px rgb(120, 143,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3261, 0.3425, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 87) }
```

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

```
.background{ background-color: rgb(120,  
143, 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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