

Converting Colors

$Yxy(24.5384, 0.3526, 0.4301)$

Have a look what the booklet for
Yxy(24.5384, 0.3526, 0.4301)
contains.

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Color

Yxy(24.5299, 0.3520, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	7F8E56
RGB	127, 142, 86
RGB Percent	50%, 56%, 34%
CMY	0.5020, 0.4431, 0.6627
CMYK	0.11, 0.00, 0.39, 0.44
HSL	76°, 25%, 45%
HSV	76°, 39%, 56%
XYZ	20.1037, 24.5299, 12.4791
YIQ	131.1310, 9.0360, -20.5960

Conversions

Conversions Part 2

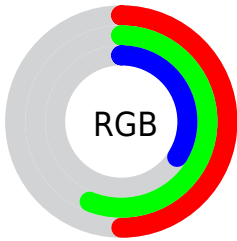
Format	Color
R_{YB}	86, 142, 101
Decimal	8359510
CIE _{Lab}	56.61, -15.09, 28.05
CIE _{LCh}	57, 31.848, 118.273
Yxy	24.5299, 0.3520, 0.4295
Android (android.graphics.Color)	4286549590 (0xFF7F8E56)
YUV	131.1310, -22.2496, -3.6229
Hunter-Lab	49.5277, -14.2189, 19.7305

Details

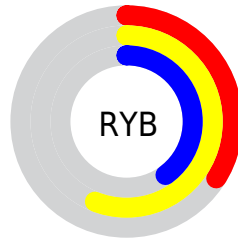
The Yxy color $24.5299, 0.3520, 0.4295$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.3768, 0.2610, 0.2187$, and the grayscale version is $22.8246, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.1098, 0.3446, 0.4067$, and $9.3786, 0.3631, 0.4694$ is the 20% darker color. If you saturate the color by 10%, you get $24.0375, 0.3604, 0.4552$, and if you desaturate by 10%, it is $25.0810, 0.3425, 0.4031$.

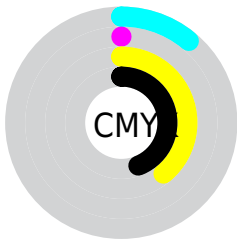
Distribution



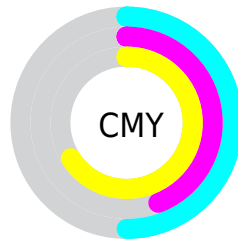
- Red (50%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (39%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5299, 0.3520, 0.4295 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 24.5299, 0.3520, 0.4295 by changing the saturation by 10% instead.


 24.5299, 0.3520,
0.4295


 24.5299, 0.3520,
0.4295


275.4886, 0.3317,
0.3726


 15.7272, 0.3568,
0.4462


 50.8936, 0.3447,
0.4071


 9.3313, 0.3626,
0.4690


 69.2233, 0.3419,
0.3992


 4.9579, 0.3689,
0.5019

 91.4974, 0.3395,
0.3927

 2.2226, 0.3989,
0.5900

 118.1004, 0.3375,
0.3873

 0.7323, 0.3092,
0.6908

 149.4166, 0.3358,
0.3828

 0.0000, 0.0000,
0.0000

185.8305, 0.3343,

0.3789

227.7263, 0.3329,
0.3755

■ 24.5299, 0.3520,
0.4295

■ 24.5299, 0.3520,
0.4295

■ 24.0375, 0.3604,
0.4552

■ 25.0810, 0.3425,
0.4031

■ 23.5977, 0.3673,
0.4793

■ 25.6902, 0.3325,
0.3769

■ 23.2085, 0.3723,
0.5006


■ 26.3610, 0.3223,
0.3516


■ 22.8664, 0.3750,
0.5181


■ 27.0956, 0.3122,
0.3277


■ 22.5673, 0.3752,
0.5313


■ 27.8961, 0.3024,
0.3054


 22.3011, 0.3737,
0.5410

 28.7647, 0.2930,
0.2849

 22.2865, 0.3736,
0.5416

 29.7033, 0.2843,
0.2661

 30.7136, 0.2761,
0.2491

 31.7976, 0.2686,
0.2337

Harmonies

Analogous

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



24.5299, 0.3979, 0.4148



24.5299, 0.3520, 0.4295



24.5299, 0.2979, 0.4112

Triad

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



24.5299, 0.3520, 0.4295



24.5299, 0.2140, 0.2656



24.5299, 0.3755, 0.2954

Complementary

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



24.5299, 0.3520, 0.4295



11.3768, 0.2610, 0.2187

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.



24.5299, 0.3203, 0.2627



24.5299, 0.3520, 0.4295



24.5299, 0.2302, 0.2445

Square

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



24.5299, 0.3520, 0.4295



24.5299, 0.2207, 0.3078



24.5299, 0.2675, 0.2444



24.5299, 0.4140, 0.3367

Rectangle

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



24.5299, 0.3520, 0.4295



24.5299, 0.2646, 0.3813



24.5299, 0.2675, 0.2444



24.5299, 0.3580, 0.2833

Sweetspot

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



24.5310, 0.3520, 0.4295



46.1368, 0.3251, 0.3586



15.7182, 0.3963, 0.3563



10.2754, 0.3263, 0.3614



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.5310, 0.3520, 0.4295



42.5048, 0.3593, 0.4516



22.6765, 0.3206, 0.4404



6.2137, 0.3220, 0.3510



20.0172, 0.3738, 0.5414



0.2022, 0.3964, 0.5235

Inverse Universe

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



11.3768, 0.2610, 0.2187



16.0757, 0.2469, 0.1915



13.2713, 0.2987, 0.2297



5.3206, 0.3029, 0.3066



2.1330, 0.1686, 0.0702



0.0300, 0.2116, 0.0939

Previews

White Background



This preview shows how the Yxy color 24.5299, 0.3520, 0.4295 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 24.5299, 0.3520, 0.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

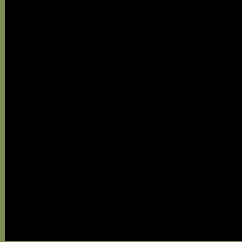
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

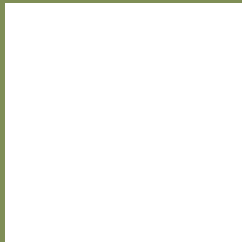
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.5299, 0.3520, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 24.5299, 0.3520, 0.4295.



This preview shows how white text looks on a background with the Yxy color 24.5299, 0.3520, 0.4295.

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

24.5299, 0.3520, 0.4295

Protanopia

24.5443, 0.3827, 0.4153

Deuteranopia

24.4731, 0.4000, 0.3933



Tritanopia

24.5542, 0.3015, 0.3105

Trichromacy



Original Color

24.5299, 0.3520, 0.4295

Protanomaly

24.4083, 0.3707, 0.4200

Deuteranomaly

24.2388, 0.3823, 0.4053

Tritanomaly

24.5377, 0.3204, 0.3535

Monochromacy



Original Color

24.5299, 0.3520, 0.4295

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3116, 0.3281, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5299, 0.3520, 0.4295 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(127, 142, 86)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 86)  
}
```

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(127, 142, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 86) }
```

Border

The CSS property to change the border of an element to Yxy 24.5299, 0.3520, 0.4295 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(127, 142, 86) }
```

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

```
.border{ border-color:rgb(127, 142, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 142, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 142, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 142, 86);  
box-shadow:4px 4px 4px 4px rgb(127, 142,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5299, 0.3520, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 86) }
```

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

```
.background{ background-color: rgb(127,  
142, 86) }
```

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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