

Converting Colors

$Yxy(35.1120, 0.3299, 0.4526)$

Have a look what the booklet for
Yxy(35.1120, 0.3299, 0.4526)
contains.

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Color

Yxy(35.1290, 0.3295, 0.4520)

Conversions

Conversions Part 1

Format	Color
Hex	7DAD62
RGB	125, 173, 98
RGB Percent	49%, 68%, 38%
CMY	0.5097, 0.3216, 0.6157
CMYK	0.28, 0.00, 0.43, 0.32
HSL	98°, 31%, 53%
HSV	98°, 43%, 68%
XYZ	25.6084, 35.1290, 16.9816
YIQ	150.0980, -4.5330, -33.5010

Conversions

Conversions Part 2

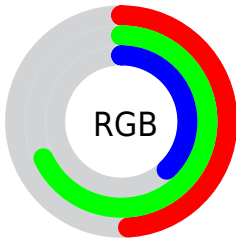
Format	Color
RYB	98, 173, 146
Decimal	8236386
CIELab	65.85, -29.86, 33.46
CIELCh	66, 44.849, 131.743
Yxy	35.1290, 0.3295, 0.4520
Android (android.graphics.Color)	4286426466 (0xFF7DAD62)
YUV	150.0980, -25.6843, -22.0109
Hunter-Lab	59.2697, -26.5983, 24.5014

Details

The Yxy color **35.1290, 0.3295, 0.4520** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8558, 0.2850, 0.2143**, and the grayscale version is **30.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8243, 0.3275, 0.4262**, and **15.0712, 0.3298, 0.4961** is the 20% darker color. If you saturate the color by 10%, you get **34.0513, 0.3314, 0.4832**, and if you desaturate by 10%, it is **36.3731, 0.3265, 0.4208**.

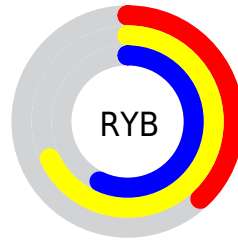
Distribution



Red (49%)

Green (68%)

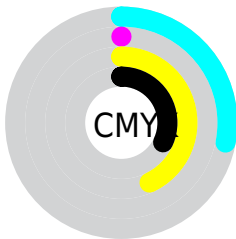
Blue (38%)



Red (38%)

Yellow (68%)

Blue (57%)

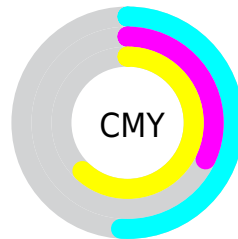


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (32%)



Cyan (51%)


Magenta (32%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1290, 0.3295, 0.4520 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 35.1290, 0.3295, 0.4520 by changing the saturation by 10% instead.


 35.1290, 0.3295,
0.4520


 35.1290, 0.3295,
0.4520


325.1374, 0.3231,
0.3846

 23.7623, 0.3300,
0.4707


 67.6856, 0.3278,
0.4261

 15.1574, 0.3299,
0.4957


 89.6442, 0.3270,
0.4168

 8.9299, 0.3280,
0.5306


 115.9022, 0.3262,
0.4091

 4.6955, 0.3215,
0.5822

 146.8440, 0.3255,
0.4026

 2.0697, 0.3129,
0.6871

182.8541, 0.3248,
0.3971

 0.6475, 0.0000,
1.0000

224.3167, 0.3242,

 0.0000, 0.0000,

0.3924

0.0000

271.6163, 0.3236,
0.3882

■ 35.1290, 0.3295,
0.4520

■ 35.1290, 0.3295,
0.4520

■ 34.0513, 0.3314,
0.4832

■ 36.3731, 0.3265,
0.4208

■ 33.1279, 0.3319,
0.5129

■ 37.7860, 0.3228,
0.3908

■ 32.3519, 0.3307,
0.5394


■ 39.3761, 0.3186,
0.3628

■ 31.7140, 0.3278,
0.5609

■ 41.1494, 0.3142,
0.3371


■ 31.2037, 0.3234,
0.5763

■ 43.1120, 0.3098,
0.3139

 30.9230, 0.3202,
0.5840

 45.2694, 0.3054,
0.2931

 47.6271, 0.3012,
0.2747

 50.1902, 0.2973,
0.2584

 52.9637, 0.2935,
0.2440

Harmonies

Analogous

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



35.1290, 0.3932, 0.4475



35.1290, 0.3295, 0.4520



35.1290, 0.2647, 0.4097

Triad

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



35.1290, 0.3295, 0.4520



35.1290, 0.1983, 0.2357



35.1290, 0.4168, 0.3084

Complementary

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



35.1290, 0.3295, 0.4520



17.8558, 0.2850, 0.2143

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.



35.1290, 0.3534, 0.2642



35.1290, 0.3295, 0.4520



35.1290, 0.2290, 0.2232

Square

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



35.1290, 0.3295, 0.4520



35.1290, 0.1936, 0.2746



35.1290, 0.2837, 0.2340



35.1290, 0.4485, 0.3596

Rectangle

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



35.1290, 0.3295, 0.4520



35.1290, 0.2297, 0.3632



35.1290, 0.2837, 0.2340



35.1290, 0.3981, 0.2925

Sweetspot

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



35.1305, 0.3295, 0.4520



70.5626, 0.3186, 0.3624



30.1674, 0.3919, 0.3989



15.1958, 0.3195, 0.3682



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.1305, 0.3295, 0.4520



61.0670, 0.3313, 0.4818



33.5647, 0.2996, 0.4433



9.0746, 0.3168, 0.3521



22.7478, 0.3209, 0.5834



0.6642, 0.3466, 0.5630

Inverse Universe

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



17.8558, 0.2850, 0.2143



26.0527, 0.2767, 0.1887



20.2606, 0.3298, 0.2368



8.0015, 0.3082, 0.3063



4.7143, 0.2334, 0.1059



0.1605, 0.2606, 0.1209

Previews

White Background



This preview shows how the Yxy color 35.1290, 0.3295, 0.4520 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.1290, 0.3295, 0.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

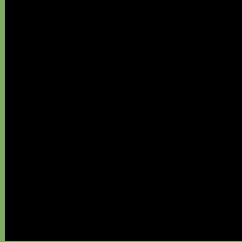
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1290, 0.3295, 0.4520

Background



This preview shows how black text looks on a background with the Yxy color 35.1290, 0.3295, 0.4520.



This preview shows how white text looks on a background with the Yxy color 35.1290, 0.3295, 0.4520.

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

35.1290, 0.3295, 0.4520

Protanopia

34.7005, 0.3903, 0.4226

Deuteranopia

34.6422, 0.4038, 0.3950



Tritanopia

35.0436, 0.2783, 0.3094

Trichromacy



Original Color

35.1290, 0.3295, 0.4520

Protanomaly

34.5452, 0.3667, 0.4332

Deuteranomaly

34.4060, 0.3753, 0.4156

Tritanomaly

34.7621, 0.2979, 0.3591

Monochromacy



Original Color

35.1290, 0.3295, 0.4520

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.7551, 0.3204, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1290, 0.3295, 0.4520 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, 173, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 173, 98)  
}
```

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, 173, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 173, 98) }
```

Border

The CSS property to change the border of an element to Yxy 35.1290, 0.3295, 0.4520 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, 173, 98) }
```

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

```
.border{ border-color:rgb(125, 173, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 173, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 173, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 173, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 173,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1290, 0.3295, 0.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 173, 98) }
```

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

```
.background{ background-color: rgb(125,  
173, 98) }
```

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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