

Converting Colors

$Y_{xy}(26.1189, 0.3276, 0.4507)$

Have a look what the booklet for
Yxy(26.1189, 0.3276, 0.4507)
contains.

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Color

Yxy(25.9932, 0.3278, 0.4501)

Conversions

Conversions Part 1

Format	Color
Hex	6C9756
RGB	108, 151, 86
RGB Percent	42%, 59%, 34%
CMY	0.5765, 0.4078, 0.6627
CMYK	0.28, 0.00, 0.43, 0.41
HSL	100°, 27%, 46%
HSV	100°, 43%, 59%
XYZ	18.9304, 25.9932, 12.8262
YIQ	130.7330, -4.7630, -29.3310

Conversions

Conversions Part 2

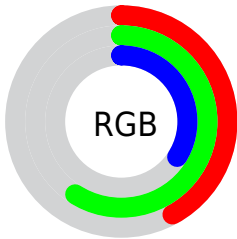
Format	Color
RYB	86, 151, 129
Decimal	7116630
CIELab	58.03, -27.10, 29.60
CIELCh	58, 40.131, 132.479
Yxy	25.9932, 0.3278, 0.4501
Android (android.graphics.Color)	4285306710 (0xFF6C9756)
YUV	130.7330, -22.0534, -19.9368
Hunter-Lab	50.9835, -22.9434, 20.7725

Details

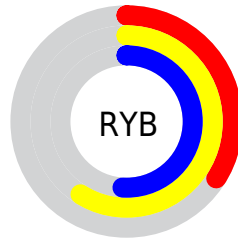
The Yxy color **25.9932, 0.3278, 0.4501** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.5615, 0.2876, 0.2170**, and the grayscale version is **22.6785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0459, 0.3262, 0.4216**, and **10.1604, 0.3276, 0.4991** is the 20% darker color. If you saturate the color by 10%, you get **25.1850, 0.3295, 0.4813**, and if you desaturate by 10%, it is **26.9270, 0.3251, 0.4191**.

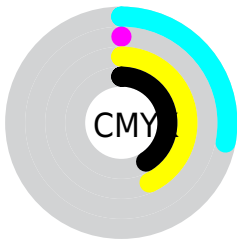
Distribution



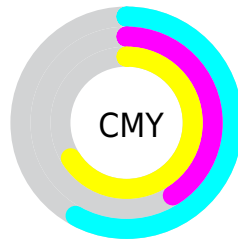
- Red (42%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (51%)



- Cyan (28%)
- Magenta (0%)
- Yellow (43%)
- Black (41%)




- Cyan (58%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9932, 0.3278, 0.4501 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 25.9932, 0.3278, 0.4501 by changing the saturation by 10% instead.


 25.9932, 0.3278,
0.4501


 25.9932, 0.3278,
0.4501


282.7487, 0.3218,
0.3807


 16.8186, 0.3282,
0.4708


 53.2640, 0.3263,
0.4225


 10.1052, 0.3276,
0.4996


 72.1289, 0.3255,
0.4128


 5.4688, 0.3243,
0.5417

 94.9927, 0.3247,
0.4050

 2.5248, 0.3309,
0.6426

 122.2398, 0.3240,
0.3985

 0.8890, 0.1710,
0.8290

 154.2545, 0.3234,
0.3930

 0.0000, 0.0000,
0.0000

191.4213, 0.3228,

0.3883

234.1246, 0.3223,
0.3842

■ 25.9932, 0.3278,
0.4501

■ 25.9932, 0.3278,
0.4501

■ 25.1850, 0.3295,
0.4813

■ 26.9270, 0.3251,
0.4191

■ 24.4932, 0.3298,
0.5113

■ 27.9881, 0.3218,
0.3893

■ 23.9128, 0.3287,
0.5381


■ 29.1828, 0.3180,
0.3616

■ 23.4370, 0.3259,
0.5603

■ 30.5157, 0.3139,
0.3362


■ 23.0578, 0.3218,
0.5764


■ 31.9911, 0.3099,
0.3133

 22.8401, 0.3186,
0.5852

 33.6134, 0.3059,
0.2929

 35.3866, 0.3021,
0.2748

 37.3146, 0.2984,
0.2588

 39.4011, 0.2950,
0.2446

Harmonies

Analogous

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



25.9932, 0.3911, 0.4469



25.9932, 0.3278, 0.4501



25.9932, 0.2638, 0.4072

Triad

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



25.9932, 0.3278, 0.4501



25.9932, 0.1998, 0.2360



25.9932, 0.4169, 0.3099

Complementary

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



25.9932, 0.3278, 0.4501



13.5615, 0.2876, 0.2170

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.



25.9932, 0.3548, 0.2657



25.9932, 0.3278, 0.4501



25.9932, 0.2309, 0.2242

Square

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



25.9932, 0.3278, 0.4501



25.9932, 0.1945, 0.2740



25.9932, 0.2856, 0.2353



25.9932, 0.4474, 0.3607

Rectangle

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



25.9932, 0.3278, 0.4501



25.9932, 0.2294, 0.3611



25.9932, 0.2856, 0.2353



25.9932, 0.3986, 0.2941

Sweetspot

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



25.9943, 0.3278, 0.4501



52.2098, 0.3180, 0.3622



22.7575, 0.3895, 0.3994



11.7619, 0.3188, 0.3677



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.9943, 0.3278, 0.4501



45.1003, 0.3295, 0.4813



24.9538, 0.2989, 0.4386



7.0220, 0.3164, 0.3516



19.4439, 0.3191, 0.5849



0.3093, 0.3518, 0.5589

Inverse Universe

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



13.5615, 0.2876, 0.2170



19.7137, 0.2796, 0.1908



15.1683, 0.3309, 0.2400



6.2190, 0.3086, 0.3067



4.2186, 0.2390, 0.1090



0.0829, 0.2767, 0.1298

Previews

White Background



This preview shows how the Yxy color 25.9932, 0.3278, 0.4501 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 25.9932, 0.3278, 0.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

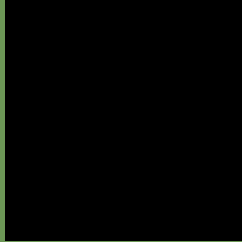
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9932, 0.3278, 0.4501

Background



This preview shows how black text looks on a background with the Yxy color 25.9932, 0.3278, 0.4501.



This preview shows how white text looks on a background with the Yxy color 25.9932, 0.3278, 0.4501.

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

25.9932, 0.3278, 0.4501

Protanopia

25.7498, 0.3876, 0.4210

Deuteranopia

25.7287, 0.4016, 0.3949



Tritanopia

25.9000, 0.2786, 0.3101

Trichromacy



Original Color

25.9932, 0.3278, 0.4501

Protanomaly

25.5037, 0.3650, 0.4322

Deuteranomaly

25.5884, 0.3727, 0.4141

Tritanomaly

25.7876, 0.2971, 0.3595

Monochromacy



Original Color

25.9932, 0.3278, 0.4501

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6257, 0.3196, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9932, 0.3278, 0.4501 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(108, 151, 86)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 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(108, 151, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 86) }
```

Border

The CSS property to change the border of an element to Yxy 25.9932, 0.3278, 0.4501 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(108, 151, 86) }
```

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

```
.border{ border-color:rgb(108, 151, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 151, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 151, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 151, 86);  
box-shadow:4px 4px 4px 4px rgb(108, 151,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9932, 0.3278, 0.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 86) }
```

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

```
.background{ background-color: rgb(108,  
151, 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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