

Converting Colors

$Y_{xy}(26.1518, 0.3396, 0.4482)$

Have a look what the booklet for
Yxy(26.1518, 0.3396, 0.4482)
contains.

Yxy(26.2347, 0.3393, 0.4486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2347, 0.3393, 0.4486)

Conversions

Conversions Part 1

Format	Color
Hex	759654
RGB	117, 150, 84
RGB Percent	46%, 59%, 33%
CMY	0.5412, 0.4118, 0.6706
CMYK	0.22, 0.00, 0.44, 0.41
HSL	90°, 28%, 46%
HSV	90°, 44%, 59%
XYZ	19.8427, 26.2347, 12.4039
YIQ	132.6090, 1.5180, -27.5220

Conversions

Conversions Part 2

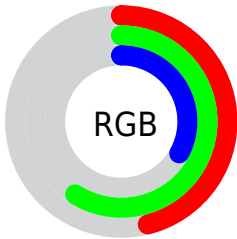
Format	Color
RYB	84, 150, 117
Decimal	7706196
CIELab	58.26, -23.47, 31.08
CIELCh	58, 38.946, 127.057
Yxy	26.2347, 0.3393, 0.4486
Android (android.graphics.Color)	4285896276 (0xFF759654)
YUV	132.6090, -23.9642, -13.6891
Hunter-Lab	51.2198, -20.4833, 21.4956

Details

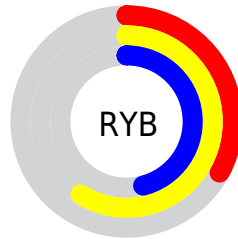
The Yxy color **26.2347, 0.3393, 0.4486** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.3234, 0.2726, 0.2099**, and the grayscale version is **23.3946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4810, 0.3349, 0.4210**, and **10.2505, 0.3433, 0.4948** is the 20% darker color. If you saturate the color by 10%, you get **25.5266, 0.3432, 0.4774**, and if you desaturate by 10%, it is **27.0371, 0.3342, 0.4194**.

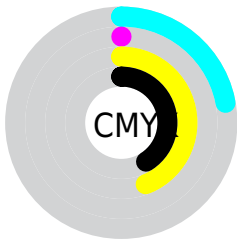
Distribution



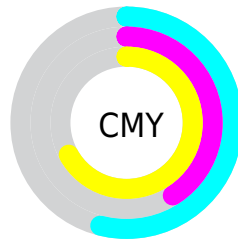
- Red (46%)
- Green (59%)
- Blue (33%)



- Red (33%)
- Yellow (59%)
- Blue (46%)



- Cyan (22%)
- Magenta (0%)
- Yellow (44%)
- Black (41%)



- Cyan (54%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2347, 0.3393, 0.4486 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 26.2347, 0.3393, 0.4486 by changing the saturation by 10% instead.


 26.2347, 0.3393,
0.4486

 26.2347, 0.3393,
0.4486


283.9323, 0.3270,
0.3806


 16.9993, 0.3415,
0.4685


 53.6533, 0.3353,
0.4217


 10.2340, 0.3432,
0.4960


 72.6054, 0.3337,
0.4123

 5.5544, 0.3432,
0.5354

 95.5651, 0.3322,
0.4046

 2.5761, 0.3587,
0.6344

 122.9168, 0.3309,
0.3982

 0.9146, 0.2446,
0.7554

 155.0450, 0.3297,
0.3928

 0.0000, 0.0000,
0.0000

192.3341, 0.3287,

0.3881

235.1684, 0.3278,
0.3841

■ 26.2347, 0.3393,
0.4486

■ 26.2347, 0.3393,
0.4486

■ 25.5266, 0.3432,
0.4774

■ 27.0371, 0.3342,
0.4194

■ 24.9051, 0.3455,
0.5046

■ 27.9342, 0.3283,
0.3909

■ 24.3667, 0.3459,
0.5287


■ 28.9308, 0.3219,
0.3638


■ 23.9062, 0.3441,
0.5484

■ 30.0302, 0.3153,
0.3385

■ 23.5175, 0.3404,
0.5628


■ 31.2359, 0.3088,
0.3154

 23.3100, 0.3377,
0.5701

 32.5508, 0.3025,
0.2944

 33.9779, 0.2965,
0.2755

 35.5200, 0.2908,
0.2586

 37.1798, 0.2855,
0.2436

Harmonies

Analogous

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



26.2347, 0.3986, 0.4388



26.2347, 0.3393, 0.4486



26.2347, 0.2760, 0.4148

Triad

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



26.2347, 0.3393, 0.4486



26.2347, 0.2001, 0.2436



26.2347, 0.4043, 0.3022

Complementary

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



26.2347, 0.3393, 0.4486



12.3234, 0.2726, 0.2099

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.



26.2347, 0.3412, 0.2610



26.2347, 0.3393, 0.4486



26.2347, 0.2260, 0.2275

Square

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



26.2347, 0.3393, 0.4486



26.2347, 0.1997, 0.2854



26.2347, 0.2756, 0.2345



26.2347, 0.4407, 0.3511

Rectangle

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



26.2347, 0.3393, 0.4486



26.2347, 0.2402, 0.3727



26.2347, 0.2756, 0.2345



26.2347, 0.3851, 0.2872

Sweetspot

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



26.2358, 0.3393, 0.4486



51.1929, 0.3214, 0.3618



19.5917, 0.3995, 0.3834



11.2622, 0.3227, 0.3671



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.



26.2358, 0.3393, 0.4486



45.0420, 0.3432, 0.4776



24.3895, 0.3075, 0.4612



6.6023, 0.3187, 0.3514



19.3510, 0.3382, 0.5696



0.2543, 0.3724, 0.5425

Inverse Universe

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



12.3234, 0.2726, 0.2099



17.1725, 0.2605, 0.1811



14.9223, 0.3161, 0.2241



5.7668, 0.3063, 0.3067



3.0857, 0.2046, 0.0901



0.0553, 0.2535, 0.1170

Previews

White Background



This preview shows how the Yxy color 26.2347, 0.3393, 0.4486 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 26.2347, 0.3393, 0.4486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

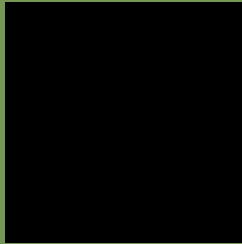
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2347, 0.3393, 0.4486

Background



This preview shows how black text looks on a background with the Yxy color 26.2347, 0.3393, 0.4486.



This preview shows how white text looks on a background with the Yxy color 26.2347, 0.3393, 0.4486.

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

26.2347, 0.3393, 0.4486

Protanopia

26.1077, 0.3900, 0.4250

Deuteranopia

25.9147, 0.4062, 0.3971



Tritanopia

26.1579, 0.2870, 0.3105

Trichromacy



Original Color

26.2347, 0.3393, 0.4486

Protanomaly

26.1160, 0.3710, 0.4350

Deuteranomaly

25.6374, 0.3802, 0.4142

Tritanomaly

26.0203, 0.3061, 0.3590

Monochromacy



Original Color

26.2347, 0.3393, 0.4486

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.2151, 0.3239, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2347, 0.3393, 0.4486 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(117, 150, 84)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 84)  
}
```

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(117, 150, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.2347, 0.3393, 0.4486 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(117, 150, 84) }
```

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

```
.border{ border-color:rgb(117, 150, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 150, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 84);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2347, 0.3393, 0.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 84) }
```

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

```
.background{ background-color: rgb(117,  
150, 84) }
```

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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