

Converting Colors

$Yxy(14.1866, 0.3467, 0.4327)$

Have a look what the booklet for
Yxy(14.1866, 0.3467, 0.4327)
contains.

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Color

Yxy(14.1951, 0.3464, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	5F6F42
RGB	95, 111, 66
RGB Percent	37%, 44%, 26%
CMY	0.6274, 0.5647, 0.7412
CMYK	0.14, 0.00, 0.41, 0.56
HSL	81°, 25%, 35%
HSV	81°, 41%, 44%
XYZ	11.3876, 14.1951, 7.2915
YIQ	101.0860, 4.9090, -17.3870

Conversions

Conversions Part 2

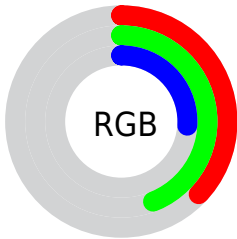
Format	Color
RYB	66, 111, 82
Decimal	6254402
CIELab	44.51, -14.33, 23.11
CIELCh	45, 27.197, 121.806
Yxy	14.1951, 0.3464, 0.4318
Android (android.graphics.Color)	4284444482 (0xFF5F6F42)
YUV	101.0860, -17.2974, -5.3374
Hunter-Lab	37.6764, -11.9823, 14.8991

Details

The Yxy color **14.1951, 0.3464, 0.4318** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.8351, 0.2671, 0.2201**, and the grayscale version is **13.0823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5432, 0.3387, 0.4051**, and **4.2375, 0.3587, 0.4853** is the 20% darker color. If you saturate the color by 10%, you get **13.8714, 0.3531, 0.4581**, and if you desaturate by 10%, it is **14.5561, 0.3387, 0.4051**.

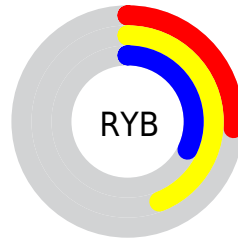
Distribution



Red (37%)

Green (44%)

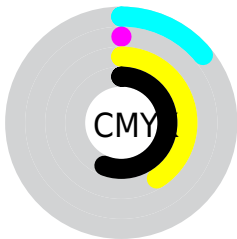
Blue (26%)



Red (26%)

Yellow (44%)

Blue (32%)

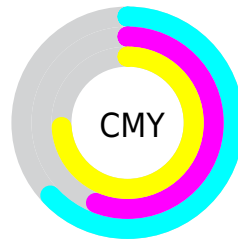


Cyan (14%)

Magenta (0%)

Yellow (41%)

Black (56%)



Cyan (63%)


Magenta (56%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1951, 0.3464, 0.4318 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 14.1951, 0.3464, 0.4318 by changing the saturation by 10% instead.


 14.1951, 0.3464,
0.4318

 14.1951, 0.3464,
0.4318


218.4412, 0.3278,
0.3687

 8.2565, 0.3512,
0.4532


 33.4348, 0.3393,
0.4052


 4.2595, 0.3566,
0.4851

 47.5047, 0.3368,
0.3964

 1.8198, 0.3852,
0.5729

 65.0538, 0.3346,
0.3894

 0.4994, 0.1999,
0.8001

 86.4665, 0.3328,
0.3837

 0.0000, 0.0000,
0.0000

 112.1272, 0.3312,
0.3790

 142.4203, 0.3299,

0.3751

177.7301, 0.3288,
0.3717

■ 14.1951, 0.3464,
0.4318

■ 14.1951, 0.3464,
0.4318

■ 13.8714, 0.3531,
0.4581

■ 14.5561, 0.3387,
0.4051

■ 13.5816, 0.3585,
0.4831

■ 14.9542, 0.3303,
0.3790

■ 13.3245, 0.3620,
0.5057

■ 15.3912, 0.3217,
0.3539

■ 13.0980, 0.3634,
0.5248

■ 15.8686, 0.3132,
0.3303

■ 12.8999, 0.3626,
0.5397

■ 16.3876, 0.3048,
0.3084

■ 12.7305, 0.3608,
0.5517

■ 16.9495, 0.2968,
0.2883

■ 17.5553, 0.2893,
0.2700

■ 18.2061, 0.2822,
0.2534

■ 18.9031, 0.2755,
0.2385

Harmonies

Analogous

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



14.1951, 0.3952, 0.4199



14.1951, 0.3464, 0.4318



14.1951, 0.2910, 0.4089

Triad

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



14.1951, 0.3464, 0.4318



14.1951, 0.2126, 0.2603



14.1951, 0.3829, 0.2992

Complementary

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



14.1951, 0.3464, 0.4318



6.8351, 0.2671, 0.2201

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.



14.1951, 0.3273, 0.2645



14.1951, 0.3464, 0.4318



14.1951, 0.2318, 0.2415

Square

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



14.1951, 0.3464, 0.4318



14.1951, 0.2166, 0.3011



14.1951, 0.2721, 0.2439



14.1951, 0.4192, 0.3419

Rectangle

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



14.1951, 0.3464, 0.4318



14.1951, 0.2580, 0.3763



14.1951, 0.2721, 0.2439



14.1951, 0.3656, 0.2865

Sweetspot

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



14.1957, 0.3464, 0.4318



27.4163, 0.3233, 0.3582



9.7683, 0.3933, 0.3647



6.5687, 0.3241, 0.3605



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.1957, 0.3464, 0.4318



24.8510, 0.3530, 0.4576



13.1684, 0.3157, 0.4425



3.8598, 0.3204, 0.3501



14.9864, 0.3603, 0.5521



74.1575, 0.3572, 0.5546

Inverse Universe

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



6.8351, 0.2671, 0.2201



9.6465, 0.2530, 0.1908



8.0004, 0.3052, 0.2313



3.3528, 0.3045, 0.3076



1.8567, 0.1811, 0.0772



8.8047, 0.1759, 0.0743

Previews

White Background



This preview shows how the Yxy color 14.1951, 0.3464, 0.4318 looks on a white 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

Black Background



This preview shows how the Yxy color 14.1951, 0.3464, 0.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

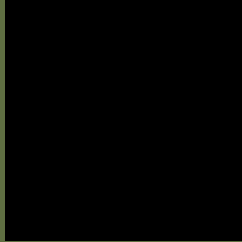
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1951, 0.3464, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 14.1951, 0.3464, 0.4318.



This preview shows how white text looks on a background with the Yxy color 14.1951, 0.3464, 0.4318.

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

14.1951, 0.3464, 0.4318

Protanopia

14.1182, 0.3831, 0.4146

Deuteranopia

13.9673, 0.3991, 0.3925



Tritanopia

14.0848, 0.2959, 0.3098

Trichromacy



Original Color

14.1951, 0.3464, 0.4318

Protanomaly

14.0852, 0.3695, 0.4199

Deuteranomaly

13.9507, 0.3800, 0.4067

Tritanomaly

14.0311, 0.3144, 0.3512

Monochromacy



Original Color

14.1951, 0.3464, 0.4318

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.4604, 0.3266, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1951, 0.3464, 0.4318 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(95, 111, 66)` looks like.

```
.text, #text, p{  
    color:rgb(95, 111, 66)  
}
```

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(95, 111, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 111, 66) }
```

Border

The CSS property to change the border of an element to Yxy 14.1951, 0.3464, 0.4318 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(95, 111, 66) }
```

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

```
.border{ border-color:rgb(95, 111, 66) }
```

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

Here you see how a box with a 4 pixel rgb(95, 111, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 111, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 111, 66);  
box-shadow:4px 4px 4px 4px rgb(95, 111,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1951, 0.3464, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 111, 66) }
```

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

```
.background{ background-color: rgb(95, 111,  
66) }
```

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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