

Converting Colors

$Y_{xy}(14.4063, 0.3319, 0.4080)$

Have a look what the booklet for
Yxy(14.4063, 0.3319, 0.4080)
contains.

Yxy(14.5038, 0.3314, 0.4091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.5038, 0.3314, 0.4091)

Conversions

Conversions Part 1

Format	Color
Hex	5E704D
RGB	94, 112, 77
RGB Percent	37%, 44%, 30%
CMY	0.6314, 0.5608, 0.6981
CMYK	0.16, 0.00, 0.31, 0.56
HSL	91°, 19%, 37%
HSV	91°, 31%, 44%
XYZ	11.7491, 14.5038, 9.2000
YIQ	102.6280, 0.5070, -14.7010

Conversions

Conversions Part 2

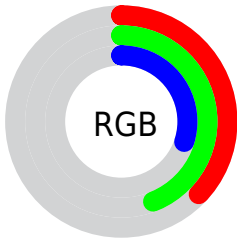
Format	Color
RYB	77, 112, 95
Decimal	6189133
CIELab	44.95, -13.63, 17.32
CIELCh	45, 22.039, 128.203
Yxy	14.5038, 0.3314, 0.4091
Android (android.graphics.Color)	4284379213 (0xFF5E704D)
YUV	102.6280, -12.6346, -7.5668
Hunter-Lab	38.0839, -11.5784, 12.3358

Details

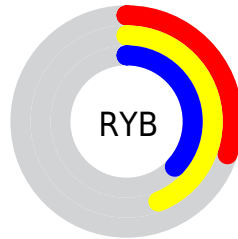
The Yxy color **14.5038, 0.3314, 0.4091** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.9099, 0.2883, 0.2495**, and the grayscale version is **13.4939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0770, 0.3278, 0.3890**, and **4.3754, 0.3374, 0.4520** is the 20% darker color. If you saturate the color by 10%, you get **14.0663, 0.3365, 0.4375**, and if you desaturate by 10%, it is **14.9926, 0.3257, 0.3817**.

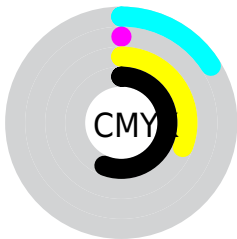
Distribution



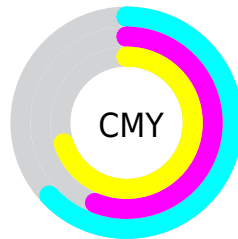
- Red (37%)
- Green (44%)
- Blue (30%)



- Red (30%)
- Yellow (44%)
- Blue (37%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (56%)



- Cyan (63%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5038, 0.3314, 0.4091 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 14.5038, 0.3314, 0.4091 by changing the saturation by 10% instead.

14.5038, 0.3314,
0.4091

14.5038, 0.3314,
0.4091

220.3429, 0.3211,
0.3600

8.4719, 0.3341,
0.4260

33.9803, 0.3275,
0.3883

4.3984, 0.3372,
0.4515

48.1937, 0.3261,
0.3815

1.8988, 0.3441,
0.5002

65.9031, 0.3249,
0.3761

0.5477, 0.2554,
0.7446

87.4927, 0.3239,
0.3717

0.0000, 0.0000,
0.0000

113.3472, 0.3231,
0.3680

143.8507, 0.3223,

0.3649

179.3878, 0.3217,
0.3623

■ 14.5038, 0.3314,
0.4091

■ 14.5038, 0.3314,
0.4091

■ 14.0663, 0.3365,
0.4375

■ 14.9926, 0.3257,
0.3817

■ 13.6763, 0.3406,
0.4660

■ 15.5324, 0.3196,
0.3558

■ 13.3323, 0.3433,
0.4935


■ 16.1258, 0.3135,
0.3319

■ 13.0323, 0.3444,
0.5187


■ 16.7742, 0.3074,
0.3100

■ 12.7736, 0.3435,
0.5403

■ 17.4791, 0.3015,
0.2901


 12.5536, 0.3407,
0.5572

 18.2421, 0.2959,
0.2722

 12.3843, 0.3377,
0.5701

 19.0644, 0.2906,
0.2562

 19.9476, 0.2857,
0.2418

 20.8928, 0.2810,
0.2290

Harmonies

Analogous

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



14.5038, 0.3729, 0.4068



14.5038, 0.3314, 0.4091



14.5038, 0.2867, 0.3848

Triad

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



14.5038, 0.3314, 0.4091



14.5038, 0.2323, 0.2687



14.5038, 0.3772, 0.3124

Complementary

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



14.5038, 0.3314, 0.4091



8.9099, 0.2883, 0.2495

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.



14.5038, 0.3349, 0.2814



14.5038, 0.3314, 0.4091



14.5038, 0.2524, 0.2563

Square

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



14.5038, 0.3314, 0.4091



14.5038, 0.2316, 0.2990



14.5038, 0.2891, 0.2613



14.5038, 0.4012, 0.3486

Rectangle

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



14.5038, 0.3314, 0.4091



14.5038, 0.2612, 0.3574



14.5038, 0.2891, 0.2613



14.5038, 0.3644, 0.3011

Sweetspot

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



14.5044, 0.3314, 0.4091



27.4876, 0.3184, 0.3508



12.0752, 0.3673, 0.3675



6.5754, 0.3191, 0.3537



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.



14.5044, 0.3314, 0.4091



24.8757, 0.3354, 0.4310



13.7026, 0.3087, 0.4149



3.8353, 0.3182, 0.3503



14.3023, 0.3372, 0.5704



70.7366, 0.3334, 0.5735

Inverse Universe

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



8.9099, 0.2883, 0.2495



13.2760, 0.2806, 0.2279



9.9218, 0.3161, 0.2558



3.3769, 0.3068, 0.3078



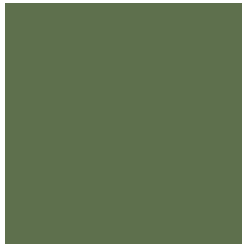
2.3654, 0.2088, 0.0924



11.2677, 0.2034, 0.0894

Previews

White Background



This preview shows how the Yxy color 14.5038, 0.3314, 0.4091 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 14.5038, 0.3314, 0.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

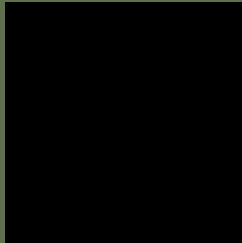
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

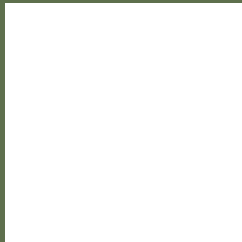
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.5038, 0.3314, 0.4091

Background



This preview shows how black text looks on a background with the Yxy color 14.5038, 0.3314, 0.4091.



This preview shows how white text looks on a background with the Yxy color 14.5038, 0.3314, 0.4091.

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

14.5038, 0.3314, 0.4091

Protanopia

14.4473, 0.3691, 0.3962

Deuteranopia

14.4272, 0.3802, 0.3751



Tritanopia

14.4857, 0.2923, 0.3099

Trichromacy



Original Color

14.5038, 0.3314, 0.4091

Protanomaly

14.3589, 0.3545, 0.4009

Deuteranomaly

14.4355, 0.3622, 0.3882

Tritanomaly

14.4933, 0.3066, 0.3444

Monochromacy



Original Color

14.5038, 0.3314, 0.4091

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8255, 0.3199, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5038, 0.3314, 0.4091 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(94, 112, 77) looks like.

```
.text, #text, p{  
    color:rgb(94, 112, 77)  
}
```

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(94, 112, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 112, 77) }
```

Border

The CSS property to change the border of an element to Yxy 14.5038, 0.3314, 0.4091 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(94, 112, 77) }
```

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

```
.border{ border-color:rgb(94, 112, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 112, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 112, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 112, 77);  
box-shadow:4px 4px 4px 4px rgb(94, 112,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5038, 0.3314, 0.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 112, 77) }
```

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

```
.background{ background-color: rgb(94, 112,  
77) }
```

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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