

Converting Colors

$Y_{xy}(14.5432, 0.3271, 0.4115)$

Have a look what the booklet for
Yxy(14.5432, 0.3271, 0.4115)
contains.

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Color

Yxy(14.5702, 0.3270, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	5B714D
RGB	91, 113, 77
RGB Percent	36%, 44%, 30%
CMY	0.6430, 0.5569, 0.6980
CMYK	0.19, 0.00, 0.32, 0.56
HSL	97°, 19%, 37%
HSV	97°, 32%, 44%
XYZ	11.5614, 14.5702, 9.2244
YIQ	102.3180, -1.5560, -15.8600

Conversions

Conversions Part 2

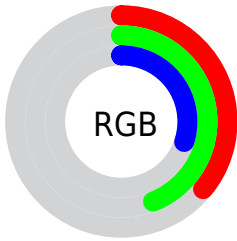
Format	Color
RYB	77, 113, 99
Decimal	5992781
CIELab	45.04, -15.36, 17.40
CIElCh	45, 23.213, 131.441
Yxy	14.5702, 0.3270, 0.4121
Android (android.graphics.Color)	4284182861 (0xFF5B714D)
YUV	102.3180, -12.4818, -9.9259
Hunter-Lab	38.1709, -12.7341, 12.3916

Details

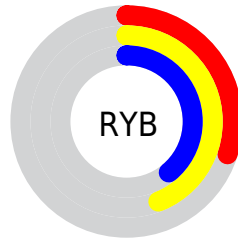
The Yxy color **14.5702, 0.3270, 0.4121** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1509, 0.2933, 0.2490**, and the grayscale version is **13.4100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1674, 0.3247, 0.3910**, and **4.4204, 0.3301, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **14.0902, 0.3305, 0.4416**, and if you desaturate by 10%, it is **15.1114, 0.3228, 0.3839**.

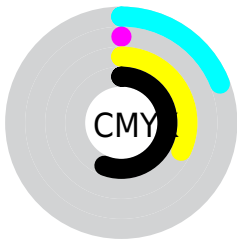
Distribution



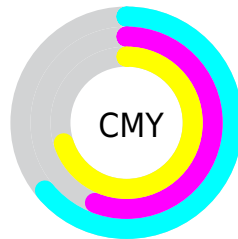
- Red (36%)
- Green (44%)
- Blue (30%)



- Red (30%)
- Yellow (44%)
- Blue (39%)



- Cyan (19%)
- Magenta (0%)
- Yellow (32%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5702, 0.3270, 0.4121 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 14.5702, 0.3270, 0.4121 by changing the saturation by 10% instead.

■ 14.5702, 0.3270,
0.4121

■ 14.5702, 0.3270,
0.4121

■ 220.7498, 0.3195,
0.3611

■ 8.5183, 0.3287,
0.4297

■ 34.0974, 0.3243,
0.3905

■ 4.4284, 0.3304,
0.4565

■ 48.3415, 0.3232,
0.3834

■ 1.9159, 0.3345,
0.5075

■ 66.0851, 0.3223,
0.3777

■ 0.5579, 0.2177,
0.7823

■ 87.7126, 0.3216,
0.3731

■ 0.0000, 0.0000,
0.0000

■ 113.6085, 0.3209,
0.3693

144.1570, 0.3204,

0.3662

179.7427, 0.3199,
0.3634

■ 14.5702, 0.3270,
0.4121

■ 14.5702, 0.3270,
0.4121

■ 14.0902, 0.3305,
0.4416

■ 15.1114, 0.3228,
0.3839

■ 13.6672, 0.3332,
0.4713

■ 15.7141, 0.3183,
0.3575

■ 13.2994, 0.3345,
0.5002


■ 16.3809, 0.3136,
0.3332

■ 12.9841, 0.3343,
0.5267

■ 17.1139, 0.3089,
0.3113

■ 12.7184, 0.3325,
0.5494

■ 17.9148, 0.3043,
0.2915

 12.4989, 0.3290,
0.5669

 18.7854, 0.2999,
0.2738

 12.3457, 0.3259,
0.5794

 19.7275, 0.2958,
0.2580

 20.7427, 0.2918,
0.2440

 21.8325, 0.2882,
0.2316

Harmonies

Analogous

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



14.5702, 0.3716, 0.4122



14.5702, 0.3270, 0.4121



14.5702, 0.2806, 0.3836

Triad

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



14.5702, 0.3270, 0.4121



14.5702, 0.2298, 0.2633



14.5702, 0.3844, 0.3154

Complementary

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



14.5702, 0.3270, 0.4121



9.1509, 0.2933, 0.2490

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.



14.5702, 0.3413, 0.2822



14.5702, 0.3270, 0.4121



14.5702, 0.2528, 0.2525

Square

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



14.5702, 0.3270, 0.4121



14.5702, 0.2268, 0.2930



14.5702, 0.2927, 0.2597



14.5702, 0.4070, 0.3534

Rectangle

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



14.5702, 0.3270, 0.4121



14.5702, 0.2548, 0.3537



14.5702, 0.2927, 0.2597



14.5702, 0.3716, 0.3034

Sweetspot

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



14.5708, 0.3270, 0.4121



28.3232, 0.3175, 0.3535



12.8940, 0.3664, 0.3758



6.5217, 0.3180, 0.3562



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.



14.5708, 0.3270, 0.4121



25.4669, 0.3296, 0.4331



13.9752, 0.3046, 0.4079



3.8207, 0.3169, 0.3503



13.9945, 0.3255, 0.5797



69.2451, 0.3218, 0.5827

Inverse Universe

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



9.1509, 0.2933, 0.2490



14.1721, 0.2876, 0.2297



9.9312, 0.3220, 0.2612



3.3917, 0.3081, 0.3079



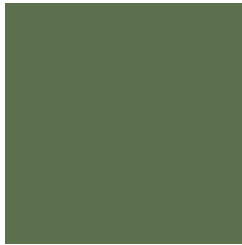
2.7741, 0.2287, 0.1033



13.3102, 0.2239, 0.1007

Previews

White Background



This preview shows how the Yxy color 14.5702, 0.3270, 0.4121 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 14.5702, 0.3270, 0.4121 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 14.5702, 0.3270, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 14.5702, 0.3270, 0.4121.



This preview shows how white text looks on a background with the Yxy color 14.5702, 0.3270, 0.4121.

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

14.5702, 0.3270, 0.4121

Protanopia

14.4473, 0.3691, 0.3962

Deuteranopia

14.4272, 0.3802, 0.3751



Tritanopia

14.5509, 0.2874, 0.3097

Trichromacy



Original Color

14.5702, 0.3270, 0.4121

Protanomaly

14.5094, 0.3525, 0.4033

Deuteranomaly

14.3688, 0.3607, 0.3885

Tritanomaly

14.5441, 0.3026, 0.3467

Monochromacy



Original Color

14.5702, 0.3270, 0.4121

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.6951, 0.3183, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5702, 0.3270, 0.4121 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(91, 113, 77)` looks like.

```
.text, #text, p{  
    color:rgb(91, 113, 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(91, 113, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 113, 77) }
```

Border

The CSS property to change the border of an element to Yxy 14.5702, 0.3270, 0.4121 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(91, 113, 77) }
```

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

```
.border{ border-color:rgb(91, 113, 77) }
```

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

Here you see how a box with a 4 pixel rgb(91, 113, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 113, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 113, 77);  
box-shadow:4px 4px 4px 4px rgb(91, 113,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5702, 0.3270, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 113, 77) }
```

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

```
.background{ background-color: rgb(91, 113,  
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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