

Converting Colors

$Y_{xy}(14.1279, 0.3112, 0.3816)$

Have a look what the booklet for
Yxy(14.1279, 0.3112, 0.3816)
contains.

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Color

Yxy(14.1973, 0.3115, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	596F58
RGB	89, 111, 88
RGB Percent	35%, 44%, 35%
CMY	0.6510, 0.5647, 0.6549
CMYK	0.20, 0.00, 0.21, 0.56
HSL	117°, 12%, 39%
HSV	117°, 21%, 44%
XYZ	11.5650, 14.1973, 11.3645
YIQ	101.8000, -5.7290, -11.8170

Conversions

Conversions Part 2

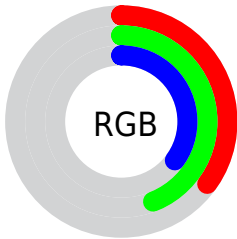
Format	Color
R_{YB}	88, 111, 110
Decimal	5861208
CIE _{Lab}	44.51, -13.07, 10.17
CIE _{LCh}	45, 16.564, 142.123
Yxy	14.1973, 0.3115, 0.3824
Android (android.graphics.Color)	4284051288 (0xFF596F58)
YUV	101.8000, -6.8034, -11.2256
Hunter-Lab	37.6793, -11.1513, 8.4929

Details

The Yxy color **14.1973, 0.3115, 0.3824** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4448, 0.3135, 0.2804**, and the grayscale version is **13.2512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5183, 0.3118, 0.3689**, and **4.2430, 0.3090, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **13.5395, 0.3106, 0.4126**, and if you desaturate by 10%, it is **14.9603, 0.3122, 0.3550**.

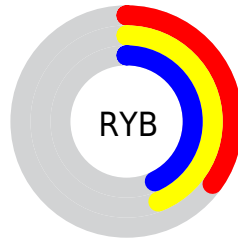
Distribution



Red (35%)

Green (44%)

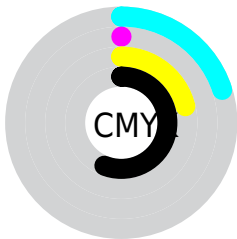
Blue (35%)



Red (35%)

Yellow (44%)

Blue (43%)

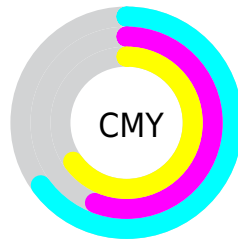


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (56%)



Cyan (65%)


Magenta (56%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1973, 0.3115, 0.3824 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 14.1973, 0.3115, 0.3824 by changing the saturation by 10% instead.


 14.1973, 0.3115,
0.3824


 14.1973, 0.3115,
0.3824


218.4548, 0.3127,
0.3497


 8.2580, 0.3108,
0.3938


 33.4387, 0.3121,
0.3685


 4.2605, 0.3095,
0.4112

 47.5096, 0.3123,
0.3640


 1.8203, 0.3064,
0.4413

 65.0598, 0.3124,
0.3603

 0.4998, 0.2377,
0.7623

 86.4738, 0.3125,
0.3574

 0.0000, 0.0000,
0.0000

 112.1359, 0.3125,
0.3550

142.4305, 0.3126,

0.3529

177.7420, 0.3126,
0.3512

■ 14.1973, 0.3115,
0.3824

■ 14.1973, 0.3115,
0.3824

■ 13.5395, 0.3106,
0.4126

■ 14.9603, 0.3122,
0.3550

■ 12.9804, 0.3096,
0.4451

■ 15.8308, 0.3127,
0.3306

■ 12.5160, 0.3083,
0.4787

■ 16.8134, 0.3131,
0.3092

■ 12.1409, 0.3069,
0.5117

■ 17.9120, 0.3133,
0.2906

■ 11.8495, 0.3053,
0.5420

■ 19.1301, 0.3135,
0.2744

■ 11.6352, 0.3037,
0.5672

■ 20.4712, 0.3136,
0.2604

■ 11.4908, 0.3023,
0.5855

■ 21.9386, 0.3137,
0.2483

■ 11.4005, 0.3017,
0.5987

■ 23.5356, 0.3137,
0.2377

■ 25.2650, 0.3137,
0.2286

Harmonies

Analogous

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



14.1973, 0.3453, 0.3907



14.1973, 0.3115, 0.3824



14.1973, 0.2792, 0.3570

Triad

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



14.1973, 0.3115, 0.3824



14.1973, 0.2562, 0.2767



14.1973, 0.3720, 0.3297

Complementary

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



14.1973, 0.3115, 0.3824



11.4448, 0.3135, 0.2804

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.



14.1973, 0.3456, 0.3028



14.1973, 0.3115, 0.3824



14.1973, 0.2785, 0.2730

Square

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



14.1973, 0.3115, 0.3824



14.1973, 0.2485, 0.2945



14.1973, 0.3109, 0.2825



14.1973, 0.3814, 0.3578

Rectangle

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



14.1973, 0.3115, 0.3824



14.1973, 0.2627, 0.3349



14.1973, 0.3109, 0.2825



14.1973, 0.3647, 0.3203

Sweetspot

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



14.1979, 0.3115, 0.3824



27.4719, 0.3124, 0.3435



15.2051, 0.3425, 0.3752



6.5828, 0.3124, 0.3447



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.



14.1979, 0.3115, 0.3824



24.8136, 0.3111, 0.3971



14.3336, 0.2979, 0.3579



3.7694, 0.3123, 0.3506



13.4299, 0.3015, 0.5988



66.8040, 0.3006, 0.5995

Inverse Universe

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



11.4448, 0.3135, 0.2804



18.9063, 0.3136, 0.2686



11.2932, 0.3308, 0.3018



3.4466, 0.3131, 0.3082



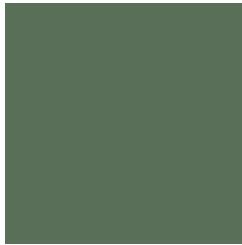
4.9793, 0.3107, 0.1485



24.7057, 0.3101, 0.1482

Previews

White Background



This preview shows how the Yxy color 14.1973, 0.3115, 0.3824 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 14.1973, 0.3115, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

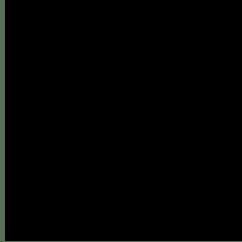
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1973, 0.3115, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 14.1973, 0.3115, 0.3824.

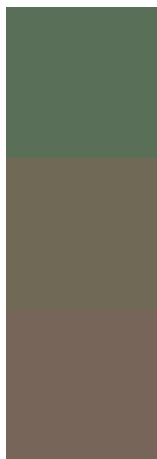


This preview shows how white text looks on a background with the Yxy color 14.1973, 0.3115, 0.3824.

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

14.1973, 0.3115, 0.3824

Protanopia

14.1385, 0.3485, 0.3720

Deuteranopia

14.0386, 0.3569, 0.3517



Tritanopia

14.1560, 0.2847, 0.3094

Trichromacy



Original Color

14.1973, 0.3115, 0.3824

Protanomaly

14.0708, 0.3345, 0.3756

Deuteranomaly

14.0756, 0.3400, 0.3636

Tritanomaly

14.0410, 0.2939, 0.3334

Monochromacy



Original Color

14.1973, 0.3115, 0.3824

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5076, 0.3119, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1973, 0.3115, 0.3824 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(89, 111, 88)` looks like.

```
.text, #text, p{  
    color:rgb(89, 111, 88)  
}
```

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(89, 111, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 111, 88) }
```

Border

The CSS property to change the border of an element to Yxy 14.1973, 0.3115, 0.3824 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(89, 111, 88) }
```

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

```
.border{ border-color:rgb(89, 111, 88) }
```

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

Here you see how a box with a 4 pixel rgb(89, 111, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 111, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 111, 88);  
box-shadow:4px 4px 4px 4px rgb(89, 111,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1973, 0.3115, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 111, 88) }
```

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

```
.background{ background-color: rgb(89, 111,  
88) }
```

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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