

Converting Colors

$Y_{xy}(14.0848, 0.3110, 0.4775)$

Have a look what the booklet for
Yxy(14.0848, 0.3110, 0.4775)
contains.

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Color

Yxy(14.0848, 0.3110, 0.4775)

Conversions

Conversions Part 1

Format	Color
Hex	3F753A
RGB	63, 117, 58
RGB Percent	25%, 46%, 23%
CMY	0.7531, 0.5412, 0.7725
CMYK	0.46, 0.00, 0.50, 0.54
HSL	115°, 34%, 34%
HSV	115°, 50%, 46%
XYZ	9.1736, 14.0848, 6.2386
YIQ	94.1280, -13.2450, -29.7970

Conversions

Conversions Part 2

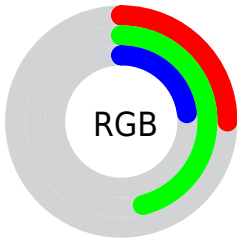
Format	Color
RYB	58, 117, 112
Decimal	4158778
CIELab	44.35, -30.80, 26.96
CIElCh	44, 40.927, 138.804
Yxy	14.0848, 0.3110, 0.4775
Android (android.graphics.Color)	4282348858 (0xFF3F753A)
YUV	94.1280, -17.8111, -27.2993
Hunter-Lab	37.5297, -22.0455, 16.4150

Details

The Yxy color **14.0848, 0.3110, 0.4775** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.7586, 0.3093, 0.2103**, and the grayscale version is **11.2694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3675, 0.3143, 0.4385**, and **4.2124, 0.2982, 0.5625** is the 20% darker color. If you saturate the color by 10%, you get **13.6606, 0.3097, 0.5103**, and if you desaturate by 10%, it is **14.6060, 0.3119, 0.4441**.

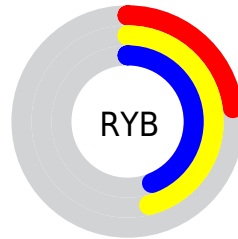
Distribution



Red (25%)

Green (46%)

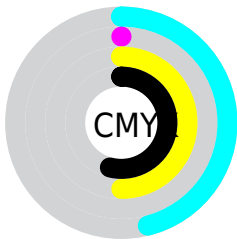
Blue (23%)



Red (23%)

Yellow (46%)

Blue (44%)

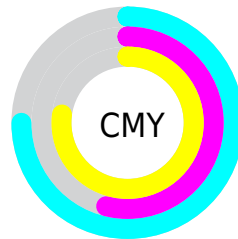


Cyan (46%)

Magenta (0%)

Yellow (50%)

Black (54%)



Cyan (75%)


Magenta (54%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0848, 0.3110, 0.4775 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 14.0848, 0.3110, 0.4775 by changing the saturation by 10% instead.


 14.0848, 0.3110,
0.4775


 14.0848, 0.3110,
0.4775

217.7577, 0.3153,
0.3839


 8.1797, 0.3068,
0.5109


 33.2394, 0.3142,
0.4371


 4.2101, 0.2976,
0.5618

 47.2577, 0.3148,
0.4241

 1.7918, 0.2975,
0.7025

 64.7491, 0.3151,
0.4138

 0.4820, 0.0000,
1.0000

 86.0981, 0.3153,
0.4055

 0.0000, 0.0000,
0.0000

 111.6891, 0.3154,
0.3987

 141.9064, 0.3154,

0.3930

177.1345, 0.3154,
0.3881

■ 14.0848, 0.3110,
0.4775

■ 14.0848, 0.3110,
0.4775

■ 13.6606, 0.3097,
0.5103

■ 14.6060, 0.3119,
0.4441

■ 13.3256, 0.3081,
0.5405

■ 15.2277, 0.3125,
0.4118

■ 13.0741, 0.3062,
0.5658

■ 15.9555, 0.3128,
0.3817

■ 12.8985, 0.3042,
0.5844

■ 16.7941, 0.3128,
0.3544

■ 12.7876, 0.3031,
0.5976

■ 17.7477, 0.3127,
0.3300

■ 18.8206, 0.3125,
0.3085

■ 20.0166, 0.3122,
0.2897

■ 21.3395, 0.3118,
0.2734

■ 22.7929, 0.3114,
0.2592

Harmonies

Analogous

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



14.0848, 0.3905, 0.4802



14.0848, 0.3110, 0.4775



14.0848, 0.2363, 0.4111

Triad

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



14.0848, 0.3110, 0.4775



14.0848, 0.1818, 0.2099



14.0848, 0.4552, 0.3158

Complementary

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



14.0848, 0.3110, 0.4775



7.7586, 0.3093, 0.2103

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.



14.0848, 0.3827, 0.2618



14.0848, 0.3110, 0.4775



14.0848, 0.2242, 0.2034

Square

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



14.0848, 0.3110, 0.4775



14.0848, 0.1688, 0.2466



14.0848, 0.2953, 0.2221



14.0848, 0.4807, 0.3763

Rectangle

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



14.0848, 0.3110, 0.4775



14.0848, 0.1995, 0.3484



14.0848, 0.2953, 0.2221



14.0848, 0.4351, 0.2967

Sweetspot

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



14.0854, 0.3110, 0.4775



29.2995, 0.3128, 0.3676



15.4800, 0.3882, 0.4355



6.6802, 0.3128, 0.3721



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.0854, 0.3110, 0.4775



24.3171, 0.3094, 0.5171



14.2270, 0.2829, 0.4186



4.1116, 0.3128, 0.3508



14.0840, 0.3029, 0.5977



68.4688, 0.3014, 0.5989

Inverse Universe

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



7.7586, 0.3093, 0.2103



11.5301, 0.3076, 0.1862



7.6065, 0.3639, 0.2553



3.7430, 0.3125, 0.3080



4.8663, 0.3006, 0.1430



23.5324, 0.2995, 0.1423

Previews

White Background



This preview shows how the Yxy color 14.0848, 0.3110, 0.4775 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 14.0848, 0.3110, 0.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

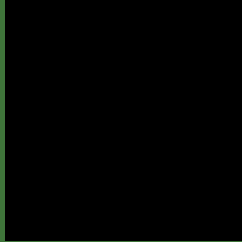
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0848, 0.3110, 0.4775

Background



This preview shows how black text looks on a background with the Yxy color 14.0848, 0.3110, 0.4775.



This preview shows how white text looks on a background with the Yxy color 14.0848, 0.3110, 0.4775.

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

14.0848, 0.3110, 0.4775

Protanopia

14.0143, 0.3956, 0.4336

Deuteranopia

13.9742, 0.4091, 0.4032



Tritanopia

13.9796, 0.2606, 0.3085

Trichromacy



Original Color

14.0848, 0.3110, 0.4775

Protanomaly

13.6999, 0.3617, 0.4512

Deuteranomaly

13.5880, 0.3691, 0.4285

Tritanomaly

14.0129, 0.2796, 0.3675

Monochromacy



Original Color

14.0848, 0.3110, 0.4775

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.9358, 0.3131, 0.3812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0848, 0.3110, 0.4775 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(63, 117, 58)` looks like.

```
.text, #text, p{  
    color:rgb(63, 117, 58)  
}
```

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(63, 117, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 117, 58) }
```

Border

The CSS property to change the border of an element to Yxy 14.0848, 0.3110, 0.4775 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(63, 117, 58) }
```

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

```
.border{ border-color:rgb(63, 117, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 117, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 117, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 117, 58);  
box-shadow:4px 4px 4px 4px rgb(63, 117,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0848, 0.3110, 0.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 117, 58) }
```

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

```
.background{ background-color: rgb(63, 117,  
58) }
```

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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