

Converting Colors

$Y_{xy}(14.0785, 0.3241, 0.4476)$

Have a look what the booklet for
Yxy(14.0785, 0.3241, 0.4476)
contains.

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Color

Yxy(14.0785, 0.3241, 0.4476)

Conversions

Conversions Part 1

Format	Color
Hex	4F7241
RGB	79, 114, 65
RGB Percent	31%, 45%, 25%
CMY	0.6903, 0.5529, 0.7451
CMYK	0.31, 0.00, 0.43, 0.55
HSL	103°, 27%, 35%
HSV	103°, 43%, 45%
XYZ	10.1940, 14.0785, 7.1808
YIQ	97.9490, -5.1310, -22.6590

Conversions

Conversions Part 2

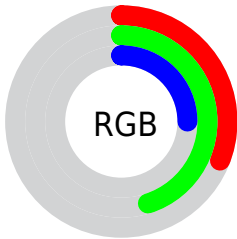
Format	Color
RYB	65, 114, 100
Decimal	5206593
CIELab	44.35, -22.55, 23.24
CIELCh	44, 32.381, 134.137
Yxy	14.0785, 0.3241, 0.4476
Android (android.graphics.Color)	4283396673 (0xFF4F7241)
YUV	97.9490, -16.2439, -16.6183
Hunter-Lab	37.5213, -17.1664, 14.9181

Details

The Yxy color **14.0785, 0.3241, 0.4476** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.7069, 0.2930, 0.2217**, and the grayscale version is **12.2416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2332, 0.3232, 0.4150**, and **4.2382, 0.3212, 0.5157** is the 20% darker color. If you saturate the color by 10%, you get **13.6318, 0.3252, 0.4787**, and if you desaturate by 10%, it is **14.5959, 0.3222, 0.4169**.

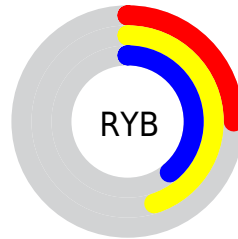
Distribution



Red (31%)

Green (45%)

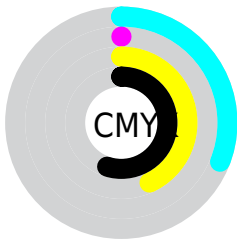
Blue (25%)



Red (25%)

Yellow (45%)

Blue (39%)

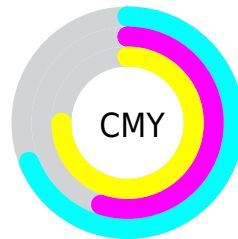


Cyan (31%)

Magenta (0%)

Yellow (43%)

Black (55%)



Cyan (69%)


Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0785, 0.3241, 0.4476 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 14.0785, 0.3241, 0.4476 by changing the saturation by 10% instead.


 14.0785, 0.3241,
0.4476


 14.0785, 0.3241,
0.4476


217.7186, 0.3194,
0.3737


 8.1753, 0.3239,
0.4736


 33.2282, 0.3230,
0.4159


 4.2073, 0.3216,
0.5133

 47.2436, 0.3224,
0.4056

 1.7902, 0.3373,
0.6261

 64.7317, 0.3217,
0.3975

 0.4811, 0.0000,
1.0000

 86.0771, 0.3212,
0.3909

 0.0000, 0.0000,
0.0000

 111.6641, 0.3206,
0.3855

 141.8771, 0.3202,

0.3809

177.1004, 0.3197,
0.3770

■ 14.0785, 0.3241,
0.4476

■ 14.0785, 0.3241,
0.4476

■ 13.6318, 0.3252,
0.4787

■ 14.5959, 0.3222,
0.4169

■ 13.2510, 0.3252,
0.5089

■ 15.1852, 0.3197,
0.3877

■ 12.9330, 0.3240,
0.5364


■ 15.8498, 0.3168,
0.3606


■ 12.6743, 0.3215,
0.5595


■ 16.5922, 0.3137,
0.3359

■ 12.4702, 0.3178,
0.5769


■ 17.4150, 0.3105,
0.3137

 12.3516, 0.3155,
0.5877

 18.3205, 0.3074,
0.2938

 19.3110, 0.3043,
0.2763

 20.3888, 0.3014,
0.2607

 21.5558, 0.2987,
0.2470

Harmonies

Analogous

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



14.0785, 0.3873, 0.4470



14.0785, 0.3241, 0.4476



14.0785, 0.2612, 0.4029

Triad

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



14.0785, 0.3241, 0.4476



14.0785, 0.2018, 0.2355



14.0785, 0.4185, 0.3128

Complementary

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



14.0785, 0.3241, 0.4476



7.7069, 0.2930, 0.2217

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.



14.0785, 0.3582, 0.2684



14.0785, 0.3241, 0.4476



14.0785, 0.2341, 0.2251

Square

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



14.0785, 0.3241, 0.4476



14.0785, 0.1951, 0.2718



14.0785, 0.2895, 0.2373



14.0785, 0.4465, 0.3634

Rectangle

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



14.0785, 0.3241, 0.4476



14.0785, 0.2279, 0.3568



14.0785, 0.2895, 0.2373



14.0785, 0.4010, 0.2970

Sweetspot

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



14.0791, 0.3241, 0.4476



27.8058, 0.3169, 0.3615



12.9412, 0.3850, 0.4022



6.3806, 0.3174, 0.3662



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.



14.0791, 0.3241, 0.4476



23.9262, 0.3252, 0.4798



13.6655, 0.2967, 0.4286



3.8050, 0.3155, 0.3504



13.7398, 0.3151, 0.5880



68.0572, 0.3118, 0.5906

Inverse Universe

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



7.7069, 0.2930, 0.2217



11.0741, 0.2864, 0.1959



8.3621, 0.3348, 0.2469



3.4080, 0.3096, 0.3080



3.3158, 0.2524, 0.1164



16.0644, 0.2486, 0.1143

Previews

White Background



This preview shows how the Yxy color 14.0785, 0.3241, 0.4476 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 14.0785, 0.3241, 0.4476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

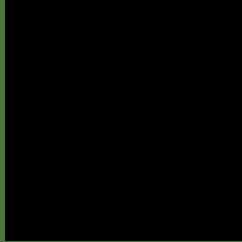
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0785, 0.3241, 0.4476

Background



This preview shows how black text looks on a background with the Yxy color 14.0785, 0.3241, 0.4476.



This preview shows how white text looks on a background with the Yxy color 14.0785, 0.3241, 0.4476.

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

14.0785, 0.3241, 0.4476

Protanopia

14.0175, 0.3854, 0.4210

Deuteranopia

13.9673, 0.3991, 0.3925



Tritanopia

14.0357, 0.2753, 0.3090

Trichromacy



Original Color

14.0785, 0.3241, 0.4476

Protanomaly

13.8396, 0.3618, 0.4317

Deuteranomaly

13.7596, 0.3699, 0.4114

Tritanomaly

13.9185, 0.2933, 0.3569

Monochromacy



Original Color

14.0785, 0.3241, 0.4476

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.7967, 0.3178, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0785, 0.3241, 0.4476 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(79, 114, 65)` looks like.

```
.text, #text, p{  
  color:rgb(79, 114, 65)  
}
```

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(79, 114, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 65) }
```

Border

The CSS property to change the border of an element to Yxy 14.0785, 0.3241, 0.4476 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(79, 114, 65) }
```

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

```
.border{ border-color:rgb(79, 114, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 65);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0785, 0.3241, 0.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 65) }
```

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

```
.background{ background-color: rgb(79, 114,  
65) }
```

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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