

Converting Colors

$Y_{xy}(14.0348, 0.2753, 0.4771)$

Have a look what the booklet for
Yxy(14.0348, 0.2753, 0.4771)
contains.

Yxy(14.0342, 0.2753, 0.4771)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.0342, 0.2753, 0.4771)

Conversions

Conversions Part 1

Format	Color
Hex	1A7841
RGB	26, 120, 65
RGB Percent	10%, 47%, 25%
CMY	0.8977, 0.5294, 0.7451
CMYK	0.78, 0.00, 0.46, 0.53
HSL	145°, 64%, 29%
HSV	145°, 78%, 47%
XYZ	8.0981, 14.0342, 7.2833
YIQ	85.6240, -38.3690, -37.0330

Conversions

Conversions Part 2

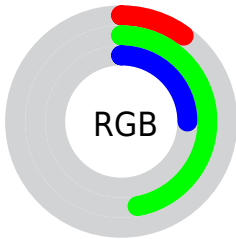
Format	Color
R_{YB}	26, 92, 120
Decimal	1734721
CIE _{Lab}	44.28, -39.82, 22.75
CIE _{LCh}	44, 45.860, 150.263
Y _{xy}	14.0342, 0.2753, 0.4771
Android (android.graphics.Color)	4279924801 (0xFF1A7841)
YUV	85.6240, -10.1676, -52.2902
Hunter-Lab	37.4622, -26.9730, 14.6966

Details

The Yxy color **14.0342, 0.2753, 0.4771** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5.3305, 0.4130, 0.2292**, and the grayscale version is **9.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0805, 0.2869, 0.4350**, and **4.4308, 0.2845, 0.5442** is the 20% darker color. If you saturate the color by 10%, you get **13.8317, 0.2760, 0.4983**, and if you desaturate by 10%, it is **14.3143, 0.2763, 0.4552**.

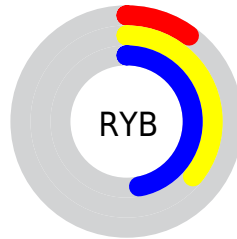
Distribution



Red (10%)

Green (47%)

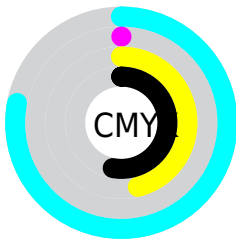
Blue (25%)



Red (10%)

Yellow (36%)

Blue (47%)

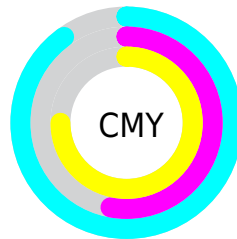


Cyan (78%)

Magenta (0%)

Yellow (46%)

Black (53%)



Cyan (90%)


Magenta (53%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0342, 0.2753, 0.4771 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 14.0342, 0.2753, 0.4771 by changing the saturation by 10% instead.


 14.0342, 0.2753,
0.4771

 14.0342, 0.2753,
0.4771


217.4435, 0.3008,
0.3828


 8.1445, 0.2646,
0.5118


 33.1497, 0.2871,
0.4359


 4.1875, 0.2463,
0.5662

 47.1442, 0.2907,
0.4228

 1.7790, 0.2174,
0.7288

 64.6092, 0.2934,
0.4125

 0.4740, 0.0000,
1.0000

 85.9289, 0.2955,
0.4042

 0.0000, 0.0000,
0.0000

 111.4878, 0.2972,
0.3974

 141.6703, 0.2986,

0.3917

176.8607, 0.2998,
0.3869

■ 14.0342, 0.2753,
0.4771

■ 14.0342, 0.2753,
0.4771

■ 13.8317, 0.2760,
0.4983

■ 14.3143, 0.2763,
0.4552

■ 13.6844, 0.2779,
0.5183

■ 14.6779, 0.2790,
0.4334

■ 13.6604, 0.2782,
0.5217

■ 15.1323, 0.2830,
0.4121

■ 15.6837, 0.2881,
0.3920

■ 16.3373, 0.2940,
0.3732

■ 17.0984, 0.3004,
0.3561

■ 17.9717, 0.3071,
0.3406

■ 18.9615, 0.3139,
0.3267

■ 20.0721, 0.3207,
0.3144

Harmonies

Analogous

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



14.0342, 0.3636, 0.5059



14.0342, 0.2753, 0.4771



14.0342, 0.2021, 0.3808

Triad

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



14.0342, 0.2753, 0.4771



14.0342, 0.1828, 0.1919



14.0342, 0.4904, 0.3371

Complementary

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



14.0342, 0.2753, 0.4771



5.3305, 0.4130, 0.2292

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.



14.0342, 0.4264, 0.2755



14.0342, 0.2753, 0.4771



14.0342, 0.2409, 0.1962

Square

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



14.0342, 0.2753, 0.4771



14.0342, 0.1569, 0.2172



14.0342, 0.3291, 0.2258



14.0342, 0.4933, 0.4035

Rectangle

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



14.0342, 0.2753, 0.4771



14.0342, 0.1715, 0.3105



14.0342, 0.3291, 0.2258



14.0342, 0.4752, 0.3157

Sweetspot

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



14.0348, 0.2753, 0.4771



29.3411, 0.2969, 0.3650



15.3206, 0.3577, 0.5259



6.8610, 0.2950, 0.3702



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.0348, 0.2753, 0.4771



24.1277, 0.2778, 0.5143



14.7921, 0.2377, 0.3519



4.4750, 0.3065, 0.3418



14.9006, 0.2784, 0.5224



70.9160, 0.2810, 0.5317

Inverse Universe

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



5.3305, 0.4130, 0.2292



8.0511, 0.4463, 0.2276



4.8594, 0.5469, 0.3154



4.0507, 0.3194, 0.3165



4.8395, 0.4544, 0.2277



22.9122, 0.4633, 0.2326

Previews

White Background



This preview shows how the Yxy color 14.0342, 0.2753, 0.4771 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



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 14.0342, 0.2753, 0.4771

Background



This preview shows how black text looks on a background with the Yxy color 14.0342, 0.2753, 0.4771.



This preview shows how white text looks on a background with the Yxy color 14.0342, 0.2753, 0.4771.

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

14.0342, 0.2753, 0.4771

Protanopia

13.7938, 0.3889, 0.4231

Deuteranopia

13.9165, 0.3947, 0.3890



Tritanopia

13.9441, 0.2376, 0.3055

Trichromacy



Original Color

14.0342, 0.2753, 0.4771

Protanomaly

13.2826, 0.3340, 0.4482

Deuteranomaly

13.0566, 0.3371, 0.4223

Tritanomaly

13.9423, 0.2506, 0.3641

Monochromacy



Original Color

14.0342, 0.2753, 0.4771

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

10.3754, 0.2907, 0.3839

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0342, 0.2753, 0.4771 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(26, 120, 65)` looks like.

```
.text, #text, p{  
    color:rgb(26, 120, 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(26, 120, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 120, 65) }
```

Border

The CSS property to change the border of an element to Yxy 14.0342, 0.2753, 0.4771 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(26, 120, 65) }
```

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

```
.border{ border-color:rgb(26, 120, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 120, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 120, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 120, 65);  
box-shadow:4px 4px 4px 4px rgb(26, 120,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0342, 0.2753, 0.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 120, 65) }
```

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

```
.background{ background-color: rgb(26, 120,  
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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