

Converting Colors

$Y_{xy}(14.2046, 0.2861, 0.4251)$

Have a look what the booklet for
Yxy(14.2046, 0.2861, 0.4251)
contains.

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Color

Yxy(14.2169, 0.2865, 0.4253)

Conversions

Conversions Part 1

Format	Color
Hex	3B754F
RGB	59, 117, 79
RGB Percent	23%, 46%, 31%
CMY	0.7685, 0.5412, 0.6902
CMYK	0.50, 0.00, 0.32, 0.54
HSL	141°, 33%, 35%
HSV	141°, 50%, 46%
XYZ	9.5771, 14.2169, 9.6339
YIQ	95.3260, -22.3700, -24.1140

Conversions

Conversions Part 2

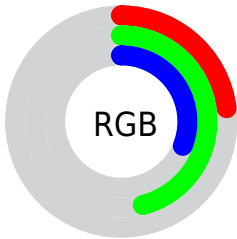
Format	Color
RYB	59, 102, 117
Decimal	3896655
CIELab	44.54, -28.29, 15.26
CIELCh	45, 32.146, 151.654
Yxy	14.2169, 0.2865, 0.4253
Android (android.graphics.Color)	4282086735 (0xFF3B754F)
YUV	95.3260, -8.0487, -31.8579
Hunter-Lab	37.7053, -20.6455, 11.2448

Details

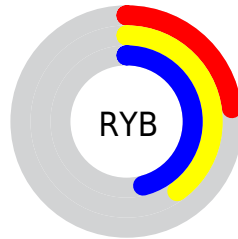
The Yxy color **14.2169, 0.2865, 0.4253** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.7768, 0.3559, 0.2503**, and the grayscale version is **11.5515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6230, 0.2943, 0.4006**, and **4.2626, 0.2689, 0.4814** is the 20% darker color. If you saturate the color by 10%, you get **13.7936, 0.2832, 0.4492**, and if you desaturate by 10%, it is **14.7344, 0.2908, 0.4025**.

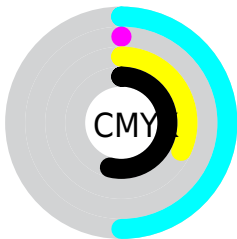
Distribution



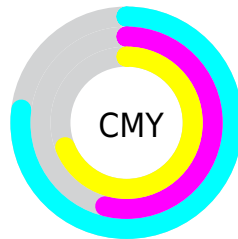
- Red (23%)
- Green (46%)
- Blue (31%)



- Red (23%)
- Yellow (40%)
- Blue (46%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (54%)





- Cyan (77%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2169, 0.2865, 0.4253 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 14.2169, 0.2865, 0.4253 by changing the saturation by 10% instead.


 14.2169, 0.2865,
0.4253


 14.2169, 0.2865,
0.4253


218.5760, 0.3035,
0.3651


 8.2717, 0.2799,
0.4470


 33.4734, 0.2941,
0.3993


 4.2693, 0.2691,
0.4809

 47.5534, 0.2965,
0.3909


 1.8253, 0.2506,
0.5447

 65.1139, 0.2983,
0.3843

 0.5029, 0.0000,
1.0000

 86.5392, 0.2998,
0.3790

 0.0000, 0.0000,
0.0000

 112.2136, 0.3010,
0.3746

 142.5216, 0.3020,

0.3709

177.8476, 0.3028,
0.3678

■ 14.2169, 0.2865,
0.4253

■ 14.2169, 0.2865,
0.4253

■ 13.7936, 0.2832,
0.4492

■ 14.7344, 0.2908,
0.4025

■ 13.4570, 0.2812,
0.4735

■ 15.3497, 0.2959,
0.3812

■ 13.2010, 0.2806,
0.4973

■ 16.0684, 0.3014,
0.3617

■ 13.0181, 0.2817,
0.5198


■ 16.8949, 0.3071,
0.3441

■ 12.8834, 0.2836,
0.5404


■ 17.8337, 0.3130,
0.3283

 12.8775, 0.2837,
0.5413

 18.8887, 0.3187,
0.3144

 20.0639, 0.3244,
0.3021

 21.3629, 0.3298,
0.2912

 22.7893, 0.3349,
0.2818

Harmonies

Analogous

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



14.2169, 0.3511, 0.4514



14.2169, 0.2865, 0.4253



14.2169, 0.2323, 0.3625

Triad

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



14.2169, 0.2865, 0.4253



14.2169, 0.2185, 0.2275



14.2169, 0.4385, 0.3420

Complementary

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



14.2169, 0.2865, 0.4253



7.7768, 0.3559, 0.2503

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.



14.2169, 0.3953, 0.2935



14.2169, 0.2865, 0.4253



14.2169, 0.2645, 0.2306

Square

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



14.2169, 0.2865, 0.4253



14.2169, 0.1969, 0.2482



14.2169, 0.3290, 0.2542



14.2169, 0.4422, 0.3923

Rectangle

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



14.2169, 0.2865, 0.4253



14.2169, 0.2086, 0.3161



14.2169, 0.3290, 0.2542



14.2169, 0.4280, 0.3253

Sweetspot

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



14.2175, 0.2865, 0.4253



29.3658, 0.3038, 0.3541



15.6172, 0.3545, 0.4555



6.6969, 0.3028, 0.3571



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.



14.2175, 0.2865, 0.4253



24.6351, 0.2829, 0.4515



14.7218, 0.2591, 0.3519



4.1171, 0.3074, 0.3432



14.1857, 0.2839, 0.5422



68.9815, 0.2866, 0.5516

Inverse Universe

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



7.7768, 0.3559, 0.2503



11.7007, 0.3698, 0.2350



7.3388, 0.4192, 0.3087



3.7375, 0.3184, 0.3152



4.7499, 0.4270, 0.2126



22.9810, 0.4342, 0.2165

Previews

White Background



This preview shows how the Yxy color 14.2169, 0.2865, 0.4253 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 14.2169, 0.2865, 0.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

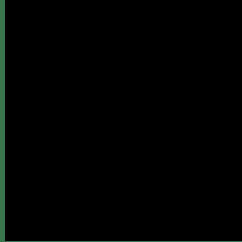
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2169, 0.2865, 0.4253

Background



This preview shows how black text looks on a background with the Yxy color 14.2169, 0.2865, 0.4253.



This preview shows how white text looks on a background with the Yxy color 14.2169, 0.2865, 0.4253.

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

14.2169, 0.2865, 0.4253

Protanopia

14.1083, 0.3667, 0.3950

Deuteranopia

14.0695, 0.3703, 0.3658



Tritanopia

14.2340, 0.2535, 0.3084

Trichromacy



Original Color

14.2169, 0.2865, 0.4253

Protanomaly

13.7862, 0.3322, 0.4058

Deuteranomaly

13.7772, 0.3339, 0.3857

Tritanomaly

14.1991, 0.2646, 0.3480

Monochromacy



Original Color

14.2169, 0.2865, 0.4253

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2156, 0.3014, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2169, 0.2865, 0.4253 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(59, 117, 79)` looks like.

```
.text, #text, p{  
    color:rgb(59, 117, 79)  
}
```

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(59, 117, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 117, 79) }
```

Border

The CSS property to change the border of an element to Yxy 14.2169, 0.2865, 0.4253 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(59, 117, 79) }
```

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

```
.border{ border-color:rgb(59, 117, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 117, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 117, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 117, 79);  
box-shadow:4px 4px 4px 4px rgb(59, 117,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2169, 0.2865, 0.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 117, 79) }
```

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

```
.background{ background-color: rgb(59, 117,  
79) }
```

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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