

Converting Colors

$Y_{xy}(14.9494, 0.3085, 0.4193)$

Have a look what the booklet for
Yxy(14.9494, 0.3085, 0.4193)
contains.

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Color

Yxy(14.9494, 0.3085, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	4F754F
RGB	79, 117, 79
RGB Percent	31%, 46%, 31%
CMY	0.6901, 0.5412, 0.6902
CMYK	0.32, 0.00, 0.32, 0.54
HSL	120°, 19%, 38%
HSV	120°, 32%, 46%
XYZ	10.9990, 14.9494, 9.7048
YIQ	101.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

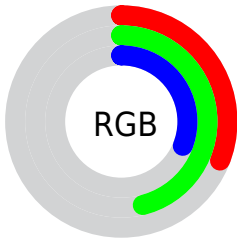
Format	Color
RYB	79, 117, 117
Decimal	5207375
CIELab	45.56, -21.71, 16.81
CIElCh	46, 27.456, 142.254
Yxy	14.9494, 0.3085, 0.4193
Android (android.graphics.Color)	4283397455 (0xFF4F754F)
YUV	101.3060, -10.9969, -19.5624
Hunter-Lab	38.6645, -16.8842, 12.1833

Details

The Yxy color **14.9494, 0.3085, 0.4193** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.6584, 0.3163, 0.2527**, and the grayscale version is **13.1301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6016, 0.3105, 0.3959**, and **4.5568, 0.3029, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **14.3360, 0.3069, 0.4527**, and if you desaturate by 10%, it is **15.6823, 0.3100, 0.3881**.

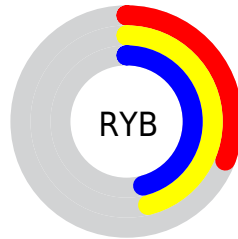
Distribution



Red (31%)

Green (46%)

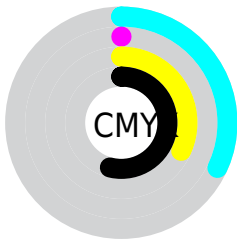
Blue (31%)



Red (31%)

Yellow (46%)

Blue (46%)

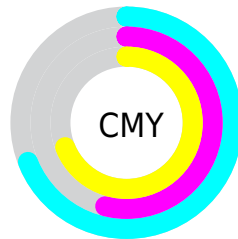


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (54%)



Cyan (69%)


Magenta (54%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9494, 0.3085, 0.4193 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 14.9494, 0.3085, 0.4193 by changing the saturation by 10% instead.


 14.9494, 0.3085,
0.4193


 14.9494, 0.3085,
0.4193


223.0597, 0.3122,
0.3635


 8.7839, 0.3064,
0.4388


 34.7644, 0.3105,
0.3955


 4.6005, 0.3024,
0.4687


 49.1826, 0.3110,
0.3878

 2.0148, 0.2951,
0.5230

 67.1206, 0.3114,
0.3816

 0.6161, 0.0827,
0.9173

 88.9627, 0.3117,
0.3766

 0.0000, 0.0000,
0.0000

 115.0932, 0.3118,
0.3725

145.8966, 0.3120,

0.3690

181.7574, 0.3121,
0.3661

■ 14.9494, 0.3085,
0.4193

■ 14.9494, 0.3085,
0.4193

■ 14.3360, 0.3069,
0.4527

■ 15.6823, 0.3100,
0.3881

■ 13.8340, 0.3053,
0.4869

■ 16.5386, 0.3113,
0.3598

■ 13.4373, 0.3038,
0.5200


■ 17.5242, 0.3124,
0.3347

■ 13.1384, 0.3024,
0.5497

■ 18.6442, 0.3135,
0.3127

■ 12.9289, 0.3013,
0.5735

■ 19.9034, 0.3144,
0.2936


 12.7984, 0.3005,
0.5898

 21.3064, 0.3151,
0.2771

 12.7222, 0.3000,
0.6000

 22.8574, 0.3158,
0.2629

 24.5607, 0.3164,
0.2506

 26.4203, 0.3169,
0.2400

Harmonies

Analogous

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



14.9494, 0.3630, 0.4306



14.9494, 0.3085, 0.4193



14.9494, 0.2577, 0.3751

Triad

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



14.9494, 0.3085, 0.4193



14.9494, 0.2239, 0.2457



14.9494, 0.4100, 0.3279

Complementary

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



14.9494, 0.3085, 0.4193



10.6584, 0.3163, 0.2527

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.



14.9494, 0.3660, 0.2873



14.9494, 0.3085, 0.4193



14.9494, 0.2577, 0.2416

Square

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



14.9494, 0.3085, 0.4193



14.9494, 0.2120, 0.2714



14.9494, 0.3089, 0.2567



14.9494, 0.4247, 0.3716

Rectangle

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



14.9494, 0.3085, 0.4193



14.9494, 0.2326, 0.3369



14.9494, 0.3089, 0.2567



14.9494, 0.3980, 0.3137

Sweetspot

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



14.9500, 0.3085, 0.4193



29.9871, 0.3115, 0.3540



16.9212, 0.3594, 0.4045



6.8519, 0.3114, 0.3569



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.



14.9500, 0.3085, 0.4193



25.9245, 0.3073, 0.4443



15.2546, 0.2887, 0.3744



4.0983, 0.3117, 0.3509



14.0179, 0.3000, 0.6000



68.3098, 0.3000, 0.6000

Inverse Universe

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



10.6584, 0.3163, 0.2527



16.9564, 0.3171, 0.2355



10.2692, 0.3466, 0.2878



3.7579, 0.3137, 0.3081



5.5779, 0.3208, 0.1541



27.1807, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 14.9494, 0.3085, 0.4193 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 14.9494, 0.3085, 0.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

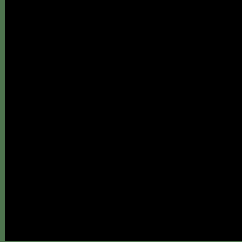
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9494, 0.3085, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 14.9494, 0.3085, 0.4193.



This preview shows how white text looks on a background with the Yxy color 14.9494, 0.3085, 0.4193.

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

14.9494, 0.3085, 0.4193

Protanopia

14.7364, 0.3687, 0.3957

Deuteranopia

14.7453, 0.3767, 0.3708



Tritanopia

14.9951, 0.2719, 0.3094

Trichromacy



Original Color

14.9494, 0.3085, 0.4193

Protanomaly

14.7742, 0.3458, 0.4061

Deuteranomaly

14.5704, 0.3496, 0.3872

Tritanomaly

14.9601, 0.2847, 0.3470

Monochromacy



Original Color

14.9494, 0.3085, 0.4193

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.6329, 0.3112, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9494, 0.3085, 0.4193 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, 117, 79)` looks like.

```
.text, #text, p{  
  color:rgb(79, 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(79, 117, 79) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 14.9494, 0.3085, 0.4193 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, 117, 79) }
```

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

```
.border{ border-color:rgb(79, 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(79, 117, 79)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 14.9494, 0.3085, 0.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(79, 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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