

Converting Colors

$Y_{xy}(17.4256, 0.3155, 0.4075)$

Have a look what the booklet for
Yxy(17.4256, 0.3155, 0.4075)
contains.

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Color

$Yxy(17.4470, 0.3149, 0.4075)$

Conversions

Conversions Part 1

Format	Color
Hex	5D7C58
RGB	93, 124, 88
RGB Percent	36%, 49%, 35%
CMY	0.6353, 0.5137, 0.6550
CMYK	0.25, 0.00, 0.29, 0.51
HSL	112°, 17%, 42%
HSV	112°, 29%, 49%
XYZ	13.4824, 17.4470, 11.8854
YIQ	110.6270, -6.9200, -17.7680

Conversions

Conversions Part 2

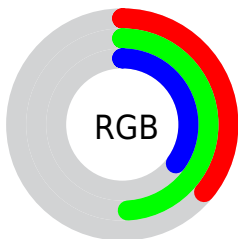
Format	Color
R_{YB}	88, 124, 119
Decimal	6126680
CIE _{Lab}	48.82, -18.63, 16.17
CIE _{LCh}	49, 24.668, 139.034
Yxy	17.4470, 0.3149, 0.4075
Android (android.graphics.Color)	4284316760 (0xFF5D7C58)
YUV	110.6270, -11.1551, -15.4589
Hunter-Lab	41.7696, -15.4807, 12.3680

Details

The Yxy color **17.4470, 0.3149, 0.4075** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.3531, 0.3085, 0.2586**, and the grayscale version is **15.8168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2086, 0.3151, 0.3884**, and **5.7802, 0.3140, 0.4469** is the 20% darker color. If you saturate the color by 10%, you get **16.7408, 0.3151, 0.4393**, and if you desaturate by 10%, it is **18.2674, 0.3144, 0.3779**.

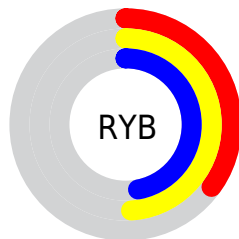
Distribution



Red (36%)

Green (49%)

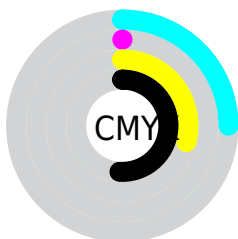
Blue (35%)



Red (35%)

Yellow (49%)

Blue (47%)

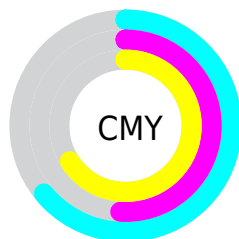


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (51%)



Cyan (64%)


Magenta (51%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4470, 0.3149, 0.4075 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 17.4470, 0.3149, 0.4075 by changing the saturation by 10% instead.


 17.4470, 0.3149,
0.4075


 17.4470, 0.3149,
0.4075


237.7353, 0.3145,
0.3603

 10.5537, 0.3144,
0.4232


 39.0927, 0.3151,
0.3878


 5.7676, 0.3131,
0.4465

 54.6140, 0.3150,
0.3813


 2.7043, 0.3095,
0.4847

 73.7800, 0.3150,
0.3760

 0.9794, 0.3258,
0.6742

 96.9751, 0.3149,
0.3717

 0.0000, 0.0000,
0.0000

 124.5839, 0.3148,
0.3681

156.9905, 0.3147,

0.3651

194.5795, 0.3146,
0.3625

■ 17.4470, 0.3149,
0.4075

■ 17.4470, 0.3149,
0.4075

■ 16.7408, 0.3151,
0.4393

■ 18.2674, 0.3144,
0.3779

■ 16.1416, 0.3147,
0.4723

■ 19.2044, 0.3136,
0.3509

■ 15.6448, 0.3138,
0.5050

■ 20.2633, 0.3126,
0.3268

■ 15.2446, 0.3123,
0.5353

■ 21.4480, 0.3116,
0.3056

■ 14.9346, 0.3102,
0.5612

■ 22.7627, 0.3105,
0.2869

■ 14.7076, 0.3076,
0.5807

■ 24.2112, 0.3094,
0.2706

■ 14.5503, 0.3053,
0.5947

■ 25.7969, 0.3083,
0.2564

■ 14.5381, 0.3051,
0.5959

■ 27.5235, 0.3072,
0.2441

■ 29.3944, 0.3062,
0.2333

Harmonies

Analogous

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



17.4470, 0.3612, 0.4149



17.4470, 0.3149, 0.4075



17.4470, 0.2700, 0.3729

Triad

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



17.4470, 0.3149, 0.4075



17.4470, 0.2338, 0.2588



17.4470, 0.3926, 0.3248

Complementary

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



17.4470, 0.3149, 0.4075



12.3531, 0.3085, 0.2586

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.



17.4470, 0.3534, 0.2897



17.4470, 0.3149, 0.4075



17.4470, 0.2615, 0.2527

Square

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



17.4470, 0.3149, 0.4075



17.4470, 0.2255, 0.2838



17.4470, 0.3046, 0.2641



17.4470, 0.4084, 0.3629

Rectangle

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



17.4470, 0.3149, 0.4075



17.4470, 0.2468, 0.3414



17.4470, 0.3046, 0.2641



17.4470, 0.3816, 0.3124

Sweetspot

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



17.4477, 0.3149, 0.4075



33.7638, 0.3136, 0.3513



18.0887, 0.3571, 0.3885



7.9013, 0.3137, 0.3545



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.4477, 0.3149, 0.4075



29.8368, 0.3151, 0.4289



17.4219, 0.2958, 0.3801



4.4743, 0.3136, 0.3509



14.7774, 0.3051, 0.5959



70.2636, 0.3032, 0.5975

Inverse Universe

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



12.3531, 0.3085, 0.2586



19.3018, 0.3070, 0.2419



12.4184, 0.3348, 0.2830



4.0506, 0.3117, 0.3078



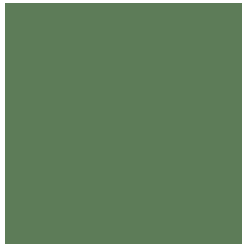
4.6398, 0.2871, 0.1355



21.8557, 0.2853, 0.1345

Previews

White Background



This preview shows how the Yxy color 17.4470, 0.3149, 0.4075 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 17.4470, 0.3149, 0.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

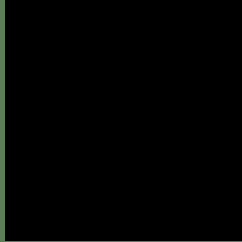
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4470, 0.3149, 0.4075

Background



This preview shows how black text looks on a background with the Yxy color 17.4470, 0.3149, 0.4075.



This preview shows how white text looks on a background with the Yxy color 17.4470, 0.3149, 0.4075.

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

17.4470, 0.3149, 0.4075

Protanopia

17.4160, 0.3633, 0.3916

Deuteranopia

17.2751, 0.3726, 0.3664



Tritanopia

17.4615, 0.2804, 0.3109

Trichromacy



Original Color

17.4470, 0.3149, 0.4075

Protanomaly

17.3602, 0.3454, 0.3985

Deuteranomaly

17.2220, 0.3502, 0.3808

Tritanomaly

17.4084, 0.2928, 0.3457

Monochromacy



Original Color

17.4470, 0.3149, 0.4075

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.4131, 0.3127, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4470, 0.3149, 0.4075 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(93, 124, 88)` looks like.

```
.text, #text, p{  
    color:rgb(93, 124, 88)  
}
```

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(93, 124, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 124, 88) }
```

Border

The CSS property to change the border of an element to Yxy 17.4470, 0.3149, 0.4075 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(93, 124, 88) }
```

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

```
.border{ border-color:rgb(93, 124, 88) }
```

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

Here you see how a box with a 4 pixel rgb(93, 124, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 124, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 124, 88);  
box-shadow:4px 4px 4px 4px rgb(93, 124,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4470, 0.3149, 0.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 124, 88) }
```

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

```
.background{ background-color: rgb(93, 124,  
88) }
```

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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