

Converting Colors

$Yxy(17.0631, 0.3111, 0.4307)$

Have a look what the booklet for
Yxy(17.0631, 0.3111, 0.4307)
contains.

Yxy(17.0854, 0.3113, 0.4307)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0854, 0.3113, 0.4307)

Conversions

Conversions Part 1

Format	Color
Hex	537D50
RGB	83, 125, 80
RGB Percent	33%, 49%, 31%
CMY	0.6745, 0.5098, 0.6863
CMYK	0.34, 0.00, 0.36, 0.51
HSL	116°, 22%, 40%
HSV	116°, 36%, 49%
XYZ	12.3489, 17.0854, 10.2346
YIQ	107.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

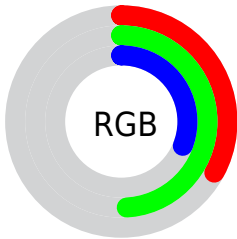
Format	Color
R_{YB}	80, 125, 122
Decimal	5471568
CIE _{Lab}	48.37, -24.21, 20.04
CIE _{LCh}	48, 31.426, 140.374
Yxy	17.0854, 0.3113, 0.4307
Android (android.graphics.Color)	4283661648 (0xFF537D50)
YUV	107.3120, -13.4648, -21.3216
Hunter-Lab	41.3345, -19.0074, 14.2537

Details

The Yxy color **17.0854, 0.3113, 0.4307** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.3536, 0.3120, 0.2427**, and the grayscale version is **14.8349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5208, 0.3125, 0.4043**, and **5.6476, 0.3055, 0.4819** is the 20% darker color. If you saturate the color by 10%, you get **16.4315, 0.3103, 0.4642**, and if you desaturate by 10%, it is **17.8643, 0.3120, 0.3989**.

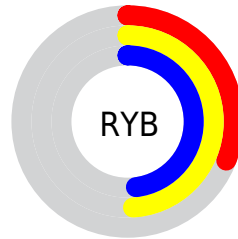
Distribution



Red (33%)

Green (49%)

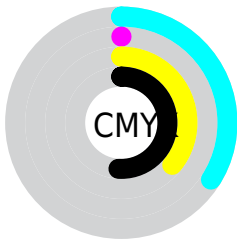
Blue (31%)



Red (31%)

Yellow (49%)

Blue (48%)

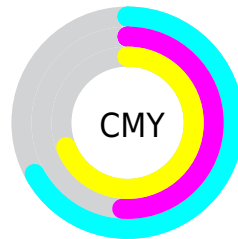


Cyan (34%)

Magenta (0%)

Yellow (36%)

Black (51%)



Cyan (67%)


Magenta (51%)


Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0854, 0.3113, 0.4307 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 17.0854, 0.3113, 0.4307 by changing the saturation by 10% instead.

 17.0854, 0.3113,
0.4307


 17.0854, 0.3113,
0.4307


235.6640, 0.3137,
0.3688


 10.2954, 0.3095,
0.4516


 38.4725, 0.3128,
0.4047


 5.5953, 0.3058,
0.4829

 53.8385, 0.3132,
0.3961

 2.6006, 0.2978,
0.5350

 72.8319, 0.3134,
0.3892

 0.9270, 0.2380,
0.7620

 95.8371, 0.3135,
0.3836

 0.0000, 0.0000,
0.0000

 123.2385, 0.3136,
0.3790

155.4205, 0.3136,

0.3751

192.7676, 0.3137,
0.3717

■ 17.0854, 0.3113,
0.4307

■ 17.0854, 0.3113,
0.4307

■ 16.4315, 0.3103,
0.4642

■ 17.8643, 0.3120,
0.3989

■ 15.8942, 0.3091,
0.4979

■ 18.7721, 0.3124,
0.3696

■ 15.4673, 0.3076,
0.5298


■ 19.8150, 0.3126,
0.3433

■ 15.1429, 0.3059,
0.5575


■ 20.9982, 0.3127,
0.3201


■ 14.9126, 0.3040,
0.5789

■ 22.3266, 0.3127,
0.2997


 14.7645, 0.3025,
0.5932

 23.8050, 0.3126,
0.2820

 14.7218, 0.3023,
0.5982

 25.4378, 0.3124,
0.2667

 27.2293, 0.3122,
0.2534

 29.1837, 0.3120,
0.2419

Harmonies

Analogous

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



17.0854, 0.3705, 0.4398



17.0854, 0.3113, 0.4307



17.0854, 0.2555, 0.3835

Triad

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



17.0854, 0.3113, 0.4307



17.0854, 0.2149, 0.2394



17.0854, 0.4172, 0.3243

Complementary

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



17.0854, 0.3113, 0.4307



11.3536, 0.3120, 0.2427

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.



17.0854, 0.3671, 0.2812



17.0854, 0.3113, 0.4307



17.0854, 0.2497, 0.2340

Square

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



17.0854, 0.3113, 0.4307



17.0854, 0.2037, 0.2683



17.0854, 0.3044, 0.2492



17.0854, 0.4352, 0.3714

Rectangle

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



17.0854, 0.3113, 0.4307



17.0854, 0.2275, 0.3412



17.0854, 0.3044, 0.2492



17.0854, 0.4033, 0.3091

Sweetspot

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



17.0861, 0.3113, 0.4307



34.4698, 0.3125, 0.3568



18.6751, 0.3666, 0.4081



7.7956, 0.3125, 0.3596



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.



17.0861, 0.3113, 0.4307



29.6375, 0.3106, 0.4575



17.2689, 0.2892, 0.3877



4.8314, 0.3126, 0.3512



15.3633, 0.3022, 0.5982



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3536, 0.3120, 0.2427



17.8045, 0.3115, 0.2242



11.1421, 0.3468, 0.2772



4.3982, 0.3127, 0.3077



5.4647, 0.3047, 0.1452



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0854, 0.3113, 0.4307 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 17.0854, 0.3113, 0.4307 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 17.0854, 0.3113, 0.4307

Background



This preview shows how black text looks on a background with the Yxy color 17.0854, 0.3113, 0.4307.



This preview shows how white text looks on a background with the Yxy color 17.0854, 0.3113, 0.4307.

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

17.0854, 0.3113, 0.4307

Protanopia

16.8415, 0.3746, 0.4035

Deuteranopia

16.9273, 0.3840, 0.3795



Tritanopia

17.0539, 0.2708, 0.3084

Trichromacy



Original Color

17.0854, 0.3113, 0.4307

Protanomaly

16.7439, 0.3498, 0.4147

Deuteranomaly

16.5837, 0.3551, 0.3964

Tritanomaly

16.9463, 0.2859, 0.3505

Monochromacy



Original Color

17.0854, 0.3113, 0.4307

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.4944, 0.3123, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0854, 0.3113, 0.4307 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(83, 125, 80)` looks like.

```
.text, #text, p{  
    color:rgb(83, 125, 80)  
}
```

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(83, 125, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 125, 80) }
```

Border

The CSS property to change the border of an element to Yxy 17.0854, 0.3113, 0.4307 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(83, 125, 80) }
```

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

```
.border{ border-color:rgb(83, 125, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 125, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 125, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 125, 80);  
box-shadow:4px 4px 4px 4px rgb(83, 125,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0854, 0.3113, 0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 125, 80) }
```

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

```
.background{ background-color: rgb(83, 125,  
80) }
```

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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