

Converting Colors

$Y_{xy}(17.0036, 0.2800, 0.4108)$

Have a look what the booklet for
Yxy(17.0036, 0.2800, 0.4108)
contains.

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Color

$Y_{xy}(17.0082, 0.2796, 0.4110)$

Conversions

Conversions Part 1

Format	Color
Hex	3F7F5C
RGB	63, 127, 92
RGB Percent	25%, 50%, 36%
CMY	0.7530, 0.5019, 0.6391
CMYK	0.50, 0.00, 0.28, 0.50
HSL	147°, 34%, 37%
HSV	147°, 50%, 50%
XYZ	11.5705, 17.0082, 12.8037
YIQ	103.8740, -26.9090, -24.4530

Conversions

Conversions Part 2

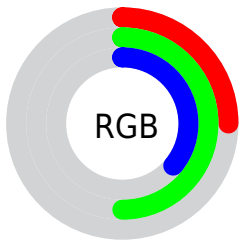
Format	Color
RYB	63, 107, 127
Decimal	4161372
CIELab	48.27, -29.22, 12.83
CIELCh	48, 31.914, 156.302
Yxy	17.0082, 0.2796, 0.4110
Android (android.graphics.Color)	4282351452 (0xFF3F7F5C)
YUV	103.8740, -5.8539, -35.8465
Hunter-Lab	41.2410, -22.0919, 10.4614

Details

The Yxy color **17.0082, 0.2796, 0.4110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8.9454, 0.3714, 0.2610**, and the grayscale version is **13.8283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2403, 0.2885, 0.3902**, and **5.5308, 0.2618, 0.4529** is the 20% darker color. If you saturate the color by 10%, you get **16.5222, 0.2756, 0.4311**, and if you desaturate by 10%, it is **17.6032, 0.2849, 0.3919**.

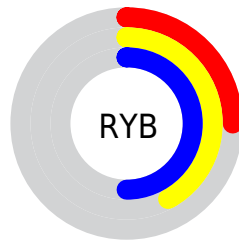
Distribution



Red (25%)

Green (50%)

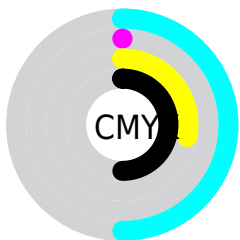
Blue (36%)



Red (25%)

Yellow (42%)

Blue (50%)

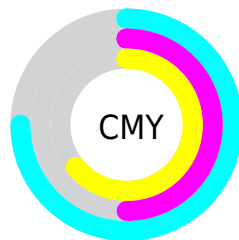


Cyan (50%)

Magenta (0%)

Yellow (28%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0082, 0.2796, 0.4110 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 17.0082, 0.2796, 0.4110 by changing the saturation by 10% instead.

■ 17.0082, 0.2796,
0.4110

■ 17.0082, 0.2796,
0.4110

■ 235.2196, 0.2999,
0.3611

■ 10.2403, 0.2726,
0.4280

■ 38.3399, 0.2882,
0.3900

■ 5.5586, 0.2619,
0.4537

■ 53.6725, 0.2910,
0.3830

■ 2.5786, 0.2437,
0.4967

■ 72.6288, 0.2933,
0.3775

■ 0.9159, 0.1337,
0.7809

■ 95.5932, 0.2951,
0.3730

■ 0.0000, 0.0000,
0.0000

■ 122.9501, 0.2966,
0.3693

155.0838, 0.2979,

0.3661

192.3789, 0.2990,
0.3634

■ 17.0082, 0.2796,
0.4110

■ 17.0082, 0.2796,
0.4110

■ 16.5222, 0.2756,
0.4311

■ 17.6032, 0.2849,
0.3919

■ 16.1360, 0.2730,
0.4517

■ 18.3114, 0.2910,
0.3741

■ 15.8426, 0.2722,
0.4722

■ 19.1395, 0.2978,
0.3577

■ 15.6325, 0.2732,
0.4922

■ 20.0929, 0.3050,
0.3429

■ 15.4815, 0.2751,
0.5105

■ 21.1766, 0.3124,
0.3295

■ 22.3956, 0.3198,
0.3177

■ 23.7543, 0.3270,
0.3071

■ 25.2572, 0.3341,
0.2979

■ 26.9083, 0.3409,
0.2898

Harmonies

Analogous

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



17.0082, 0.3399, 0.4421



17.0082, 0.2796, 0.4110



17.0082, 0.2311, 0.3502

Triad

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



17.0082, 0.2796, 0.4110



17.0082, 0.2293, 0.2323



17.0082, 0.4335, 0.3494

Complementary

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



17.0082, 0.2796, 0.4110



8.9454, 0.3714, 0.2610

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.



17.0082, 0.3982, 0.3026



17.0082, 0.2796, 0.4110



17.0082, 0.2762, 0.2384

Square

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



17.0082, 0.2796, 0.4110



17.0082, 0.2050, 0.2486



17.0082, 0.3382, 0.2634



17.0082, 0.4315, 0.3963

Rectangle

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



17.0082, 0.2796, 0.4110



17.0082, 0.2111, 0.3080



17.0082, 0.3382, 0.2634



17.0082, 0.4256, 0.3334

Sweetspot

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



17.0089, 0.2796, 0.4110



35.1070, 0.3015, 0.3500



18.1457, 0.3457, 0.4632



8.1493, 0.3002, 0.3527



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.0089, 0.2796, 0.4110



29.5073, 0.2752, 0.4331



17.6860, 0.2518, 0.3358



4.8487, 0.3060, 0.3410



15.6122, 0.2752, 0.5106



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.9454, 0.3714, 0.2610



13.3830, 0.3909, 0.2483



8.4598, 0.4399, 0.3231



4.3805, 0.3200, 0.3173



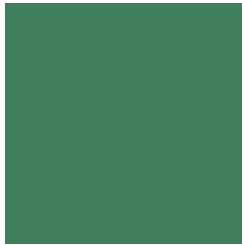
4.9883, 0.4705, 0.2366



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0082, 0.2796, 0.4110 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 17.0082, 0.2796, 0.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

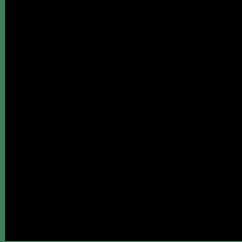
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0082, 0.2796, 0.4110

Background



This preview shows how black text looks on a background with the Yxy color 17.0082, 0.2796, 0.4110.



This preview shows how white text looks on a background with the Yxy color 17.0082, 0.2796, 0.4110.

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

17.0082, 0.2796, 0.4110

Protanopia

16.8441, 0.3590, 0.3846

Deuteranopia

16.8217, 0.3605, 0.3558



Tritanopia

17.0409, 0.2519, 0.3077

Trichromacy



Original Color

17.0082, 0.2796, 0.4110

Protanomaly

16.6649, 0.3259, 0.3957

Deuteranomaly

16.3812, 0.3249, 0.3734

Tritanomaly

17.0017, 0.2622, 0.3443

Monochromacy



Original Color

17.0082, 0.2796, 0.4110

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.6323, 0.2973, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0082, 0.2796, 0.4110 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(63, 127, 92)` looks like.

```
.text, #text, p{  
    color:rgb(63, 127, 92)  
}
```

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(63, 127, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 127, 92) }
```

Border

The CSS property to change the border of an element to Yxy 17.0082, 0.2796, 0.4110 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(63, 127, 92) }
```

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

```
.border{ border-color:rgb(63, 127, 92) }
```

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

Here you see how a box with a 4 pixel rgb(63, 127, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 127, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 127, 92);  
box-shadow:4px 4px 4px 4px rgb(63, 127,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0082, 0.2796, 0.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 127, 92) }
```

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

```
.background{ background-color: rgb(63, 127,  
92) }
```

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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