

Converting Colors

$Y_{xy}(17.1850, 0.3283, 0.4388)$

Have a look what the booklet for
Yxy(17.1850, 0.3283, 0.4388)
contains.

Yxy(17.1850, 0.3283, 0.4388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(17.1850, 0.3283, 0.4388)$

Conversions

Conversions Part 1

Format	Color
Hex	5C7C4A
RGB	92, 124, 74
RGB Percent	36%, 49%, 29%
CMY	0.6392, 0.5137, 0.7097
CMYK	0.26, 0.00, 0.40, 0.51
HSL	98°, 25%, 39%
HSV	98°, 40%, 49%
XYZ	12.8574, 17.1850, 9.1212
YIQ	108.7320, -3.0220, -22.3340

Conversions

Conversions Part 2

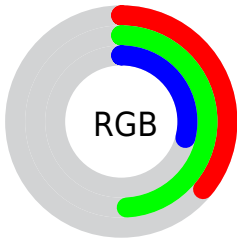
Format	Color
RYB	74, 124, 106
Decimal	6061130
CIELab	48.49, -21.31, 23.68
CIElCh	48, 31.862, 131.986
Yxy	17.1850, 0.3283, 0.4388
Android (android.graphics.Color)	4284251210 (0xFF5C7C4A)
YUV	108.7320, -17.1229, -14.6740
Hunter-Lab	41.4548, -17.1832, 15.9729

Details

The Yxy color **17.1850, 0.3283, 0.4388** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9.4214, 0.2885, 0.2259**, and the grayscale version is **15.2635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7140, 0.3260, 0.4121**, and **5.6563, 0.3287, 0.4924** is the 20% darker color. If you saturate the color by 10%, you get **16.6470, 0.3306, 0.4693**, and if you desaturate by 10%, it is **17.8004, 0.3251, 0.4089**.

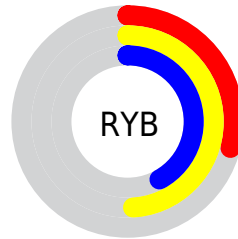
Distribution



Red (36%)

Green (49%)

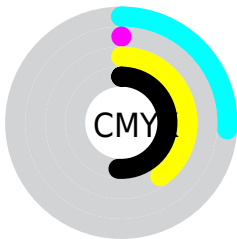
Blue (29%)



Red (29%)

Yellow (49%)

Blue (42%)

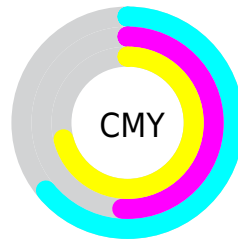


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (51%)



Cyan (64%)


Magenta (51%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1850, 0.3283, 0.4388 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 17.1850, 0.3283, 0.4388 by changing the saturation by 10% instead.


 17.1850, 0.3283,
0.4388


 17.1850, 0.3283,
0.4388


236.2362, 0.3210,
0.3724


 10.3665, 0.3293,
0.4608


 38.6436, 0.3261,
0.4111


 5.6426, 0.3293,
0.4933

 54.0524, 0.3251,
0.4018


 2.6290, 0.3291,
0.5508

 73.0935, 0.3242,
0.3944

 0.9413, 0.2840,
0.7160

 96.1512, 0.3234,
0.3884

 0.0000, 0.0000,
0.0000

 123.6100, 0.3227,
0.3834

155.8541, 0.3221,

0.3791

193.2681, 0.3215,
0.3755

■ 17.1850, 0.3283,
0.4388

■ 17.1850, 0.3283,
0.4388

■ 16.6470, 0.3306,
0.4693

■ 17.8004, 0.3251,
0.4089

■ 16.1808, 0.3318,
0.4990

■ 18.4938, 0.3213,
0.3804

■ 15.7836, 0.3314,
0.5265

■ 19.2691, 0.3171,
0.3539


■ 15.4516, 0.3295,
0.5501

■ 20.1288, 0.3128,
0.3297


■ 15.1804, 0.3260,
0.5684


■ 21.0755, 0.3086,
0.3079

 14.9647, 0.3220,
0.5825

 22.1117, 0.3044,
0.2884

 23.2398, 0.3004,
0.2710

 24.4620, 0.2966,
0.2555

 25.7806, 0.2930,
0.2419

Harmonies

Analogous

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



17.1850, 0.3861, 0.4367



17.1850, 0.3283, 0.4388



17.1850, 0.2693, 0.4005

Triad

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



17.1850, 0.3283, 0.4388



17.1850, 0.2082, 0.2441



17.1850, 0.4069, 0.3112

Complementary

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



17.1850, 0.3283, 0.4388



9.4214, 0.2885, 0.2259

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.



17.1850, 0.3503, 0.2702



17.1850, 0.3283, 0.4388



17.1850, 0.2369, 0.2323

Square

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



17.1850, 0.3283, 0.4388



17.1850, 0.2038, 0.2801



17.1850, 0.2873, 0.2422



17.1850, 0.4354, 0.3585

Rectangle

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



17.1850, 0.3283, 0.4388



17.1850, 0.2372, 0.3595



17.1850, 0.2873, 0.2422



17.1850, 0.3902, 0.2965

Sweetspot

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



17.1857, 0.3283, 0.4388



33.6261, 0.3180, 0.3590



15.0213, 0.3830, 0.3922



7.8860, 0.3184, 0.3616



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.



17.1857, 0.3283, 0.4388



29.3975, 0.3304, 0.4657



16.4620, 0.3007, 0.4302



4.5136, 0.3166, 0.3507



15.2110, 0.3220, 0.5826



72.1172, 0.3185, 0.5853

Inverse Universe

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



9.4214, 0.2885, 0.2259



13.8099, 0.2814, 0.2024



10.4778, 0.3278, 0.2454



4.0088, 0.3085, 0.3075



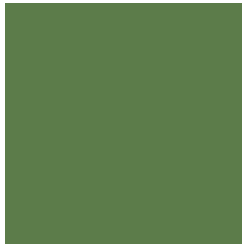
3.1855, 0.2350, 0.1068



14.7029, 0.2307, 0.1044

Previews

White Background



This preview shows how the Yxy color 17.1850, 0.3283, 0.4388 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 17.1850, 0.3283, 0.4388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

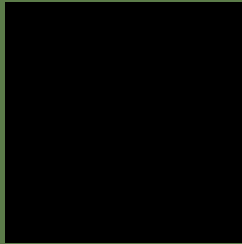
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1850, 0.3283, 0.4388

Background



This preview shows how black text looks on a background with the Yxy color 17.1850, 0.3283, 0.4388.



This preview shows how white text looks on a background with the Yxy color 17.1850, 0.3283, 0.4388.

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

17.1850, 0.3283, 0.4388

Protanopia

17.0636, 0.3826, 0.4160

Deuteranopia

17.0060, 0.3949, 0.3897



Tritanopia

17.1985, 0.2813, 0.3108

Trichromacy



Original Color

17.1850, 0.3283, 0.4388

Protanomaly

16.9225, 0.3623, 0.4250

Deuteranomaly

16.8482, 0.3696, 0.4065

Tritanomaly

17.0570, 0.2982, 0.3544

Monochromacy



Original Color

17.1850, 0.3283, 0.4388

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.7627, 0.3201, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1850, 0.3283, 0.4388 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(92, 124, 74)` looks like.

```
.text, #text, p{  
    color:rgb(92, 124, 74)  
}
```

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(92, 124, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 124, 74) }
```

Border

The CSS property to change the border of an element to Yxy 17.1850, 0.3283, 0.4388 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(92, 124, 74) }
```

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

```
.border{ border-color:rgb(92, 124, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 124, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 124, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 124, 74);  
box-shadow:4px 4px 4px 4px rgb(92, 124,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1850, 0.3283, 0.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 124, 74) }
```

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

```
.background{ background-color: rgb(92, 124,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor