

Converting Colors

$Y_{xy}(17.1645, 0.2999, 0.3744)$

Have a look what the booklet for
Yxy(17.1645, 0.2999, 0.3744)
contains.

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Color

$Y_{xy}(17.1340, 0.2999, 0.3745)$

Conversions

Conversions Part 1

Format	Color
Hex	5C7A65
RGB	92, 122, 101
RGB Percent	36%, 48%, 40%
CMY	0.6393, 0.5215, 0.6039
CMYK	0.25, 0.00, 0.17, 0.52
HSL	138°, 14%, 42%
HSV	138°, 25%, 48%
XYZ	13.7209, 17.1340, 14.8967
YIQ	110.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

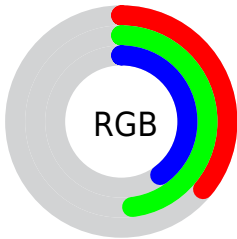
Format	Color
R_{YB}	92, 115, 122
Decimal	6060645
CIE Lab	48.43, -15.42, 8.03
CIE LCh	48, 17.382, 152.494
Yxy	17.1340, 0.2999, 0.3745
Android (android.graphics.Color)	4284250725 (0xFF5C7A65)
YUV	110.6360, -4.7505, -16.3438
Hunter-Lab	41.3932, -13.2694, 7.6378

Details

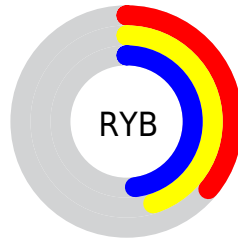
The Yxy color **17.1340, 0.2999, 0.3745** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.9813, 0.3285, 0.2875**, and the grayscale version is **15.8014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7666, 0.3033, 0.3637**, and **5.5893, 0.2936, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **16.3976, 0.2951, 0.3965**, and if you desaturate by 10%, it is **17.9904, 0.3050, 0.3545**.

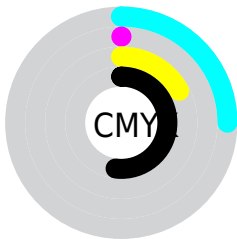
Distribution



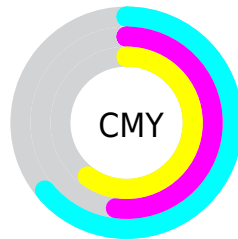
- Red (36%)
- Green (48%)
- Blue (40%)



- Red (36%)
- Yellow (45%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1340, 0.2999, 0.3745 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 17.1340, 0.2999, 0.3745 by changing the saturation by 10% instead.

■ 17.1340, 0.2999,
0.3745

■ 17.1340, 0.2999,
0.3745

235.9434, 0.3077,
0.3473

■ 10.3301, 0.2972,
0.3835

■ 38.5560, 0.3032,
0.3632

■ 5.6184, 0.2932,
0.3968

■ 53.9429, 0.3043,
0.3594

■ 2.6144, 0.2864,
0.4187

■ 72.9596, 0.3051,
0.3564

■ 0.9339, 0.2688,
0.4918

■ 95.9904, 0.3058,
0.3539

■ 0.0000, 0.0000,
0.0000

123.4198, 0.3064,
0.3519

155.6322, 0.3069,

0.3501

193.0119, 0.3073,
0.3486

■ 17.1340, 0.2999,
0.3745

■ 17.1340, 0.2999,
0.3745

■ 16.3976, 0.2951,
0.3965

■ 17.9904, 0.3050,
0.3545

■ 15.7737, 0.2908,
0.4203

■ 18.9698, 0.3103,
0.3366

■ 15.2572, 0.2873,
0.4454

■ 20.0774, 0.3155,
0.3207

■ 14.8418, 0.2849,
0.4712

■ 21.3178, 0.3206,
0.3066

■ 14.5205, 0.2838,
0.4968

■ 22.6953, 0.3255,
0.2943

■ 14.2854, 0.2843,
0.5209

■ 24.2139, 0.3302,
0.2835

■ 14.1250, 0.2861,
0.5427

■ 25.8775, 0.3347,
0.2741

■ 14.0521, 0.2871,
0.5534

■ 27.6899, 0.3388,
0.2659

■ 29.6547, 0.3427,
0.2587

Harmonies

Analogous

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



17.1340, 0.3338, 0.3891



17.1340, 0.2999, 0.3745



17.1340, 0.2706, 0.3455

Triad

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



17.1340, 0.2999, 0.3745



17.1340, 0.2631, 0.2746



17.1340, 0.3765, 0.3395

Complementary

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



17.1340, 0.2999, 0.3745



12.9813, 0.3285, 0.2875

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.



17.1340, 0.3555, 0.3118



17.1340, 0.2999, 0.3745



17.1340, 0.2892, 0.2756

Square

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



17.1340, 0.2999, 0.3745



17.1340, 0.2502, 0.2875



17.1340, 0.3230, 0.2890



17.1340, 0.3791, 0.3662

Rectangle

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



17.1340, 0.2999, 0.3745



17.1340, 0.2572, 0.3235



17.1340, 0.3230, 0.2890



17.1340, 0.3713, 0.3301

Sweetspot

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



17.1347, 0.2999, 0.3745



32.9075, 0.3089, 0.3410



18.2037, 0.3361, 0.3897



7.5079, 0.3087, 0.3417



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.1347, 0.2999, 0.3745



29.3247, 0.2969, 0.3877



17.4560, 0.2842, 0.3416



4.4680, 0.3079, 0.3443



14.7916, 0.2872, 0.5538



70.4236, 0.2896, 0.5626

Inverse Universe

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



12.9813, 0.3285, 0.2875



20.5852, 0.3334, 0.2768



12.6709, 0.3516, 0.3169



4.0580, 0.3178, 0.3141



5.0510, 0.4111, 0.2038



23.9377, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 17.1340, 0.2999, 0.3745 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 17.1340, 0.2999, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

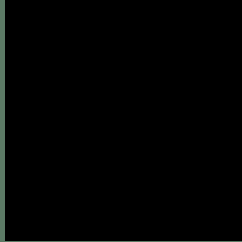
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1340, 0.2999, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 17.1340, 0.2999, 0.3745.

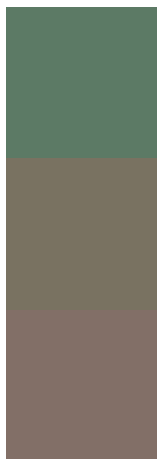


This preview shows how white text looks on a background with the Yxy color 17.1340, 0.2999, 0.3745.

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

17.1340, 0.2999, 0.3745

Protanopia

16.9626, 0.3435, 0.3628

Deuteranopia

17.0940, 0.3492, 0.3443



Tritanopia

17.0568, 0.2769, 0.3086

Trichromacy



Original Color

17.1340, 0.2999, 0.3745

Protanomaly

16.9194, 0.3264, 0.3682

Deuteranomaly

16.9338, 0.3300, 0.3552

Tritanomaly

16.9346, 0.2851, 0.3310

Monochromacy



Original Color

17.1340, 0.2999, 0.3745

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.2661, 0.3081, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1340, 0.2999, 0.3745 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, 122, 101)` looks like.

```
.text, #text, p{  
    color:rgb(92, 122, 101)  
}
```

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, 122, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 122, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.1340, 0.2999, 0.3745 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, 122, 101) }
```

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

```
.border{ border-color:rgb(92, 122, 101) }
```

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

Here you see how a box with a 4 pixel rgb(92, 122, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 122, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 122, 101);  
box-shadow:4px 4px 4px 4px rgb(92, 122,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1340, 0.2999, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 122, 101) }
```

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

```
.background{ background-color: rgb(92, 122,  
101) }
```

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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