

Converting Colors

$Y_{xy}(17.2617, 0.2930, 0.3933)$

Have a look what the booklet for
Yxy(17.2617, 0.2930, 0.3933)
contains.

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Color

Yxy(17.2611, 0.2930, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	517D60
RGB	81, 125, 96
RGB Percent	32%, 49%, 38%
CMY	0.6823, 0.5098, 0.6235
CMYK	0.35, 0.00, 0.23, 0.51
HSL	140°, 21%, 40%
HSV	140°, 35%, 49%
XYZ	12.8396, 17.2611, 13.7204
YIQ	108.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

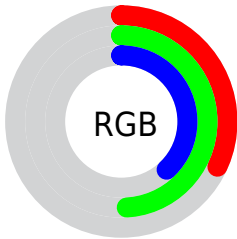
Format	Color
R_{YB}	81, 114, 125
Decimal	5340512
CIE _{Lab}	48.59, -21.84, 11.09
CIE _{LCh}	49, 24.496, 153.084
Yxy	17.2611, 0.2930, 0.3939
Android (android.graphics.Color)	4283530592 (0xFF517D60)
YUV	108.5380, -6.1812, -24.1508
Hunter-Lab	41.5465, -17.5426, 9.5025

Details

The Yxy color **17.2611, 0.2930, 0.3939** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.3746, 0.3402, 0.2721**, and the grayscale version is **15.1783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8529, 0.2980, 0.3771**, and **5.7225, 0.2820, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **16.6153, 0.2884, 0.4164**, and if you desaturate by 10%, it is **18.0259, 0.2983, 0.3731**.

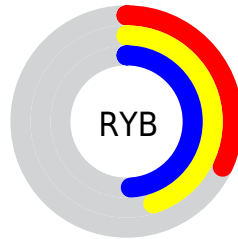
Distribution



Red (32%)

Green (49%)

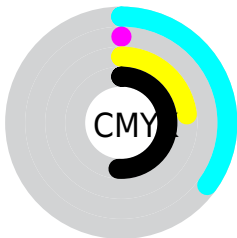
Blue (38%)



Red (32%)

Yellow (45%)

Blue (49%)

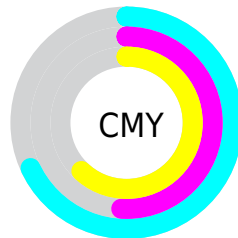


Cyan (35%)

Magenta (0%)

Yellow (23%)

Black (51%)



Cyan (68%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2611, 0.2930, 0.3939 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 17.2611, 0.2930, 0.3939 by changing the saturation by 10% instead.


 17.2611, 0.2930,
0.3939


 17.2611, 0.2930,
0.3939


236.6726, 0.3051,
0.3548


 10.4208, 0.2888,
0.4070


 38.7742, 0.2982,
0.3776


 5.6789, 0.2823,
0.4266

 54.2157, 0.2998,
0.3721


 2.6508, 0.2713,
0.4591

 73.2932, 0.3012,
0.3678

 0.9523, 0.2340,
0.6018

 96.3909, 0.3023,
0.3642

 0.0000, 0.0000,
0.0000

 123.8933, 0.3032,
0.3613

156.1848, 0.3039,

0.3588

193.6498, 0.3046,
0.3566

■ 17.2611, 0.2930,
0.3939

■ 17.2611, 0.2930,
0.3939

■ 16.6153, 0.2884,
0.4164

■ 18.0259, 0.2983,
0.3731

■ 16.0804, 0.2846,
0.4402

■ 18.9132, 0.3039,
0.3541

■ 15.6503, 0.2820,
0.4648


■ 19.9291, 0.3097,
0.3371

■ 15.3178, 0.2809,
0.4892


■ 21.0783, 0.3155,
0.3219

■ 15.0744, 0.2814,
0.5125

■ 22.3657, 0.3212,
0.3086

 14.9074, 0.2834,
0.5339

 23.7957, 0.3267,
0.2968

 14.8382, 0.2843,
0.5436

 25.3725, 0.3320,
0.2865

 27.1002, 0.3370,
0.2775

 28.9827, 0.3417,
0.2696

Harmonies

Analogous

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



17.2611, 0.3401, 0.4148



17.2611, 0.2930, 0.3939



17.2611, 0.2532, 0.3510

Triad

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



17.2611, 0.2930, 0.3939



17.2611, 0.2447, 0.2538



17.2611, 0.4032, 0.3427

Complementary

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



17.2611, 0.2930, 0.3939



11.3746, 0.3402, 0.2721

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.



17.2611, 0.3737, 0.3054



17.2611, 0.2930, 0.3939



17.2611, 0.2803, 0.2562

Square

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



17.2611, 0.2930, 0.3939



17.2611, 0.2271, 0.2699



17.2611, 0.3275, 0.2747



17.2611, 0.4057, 0.3796

Rectangle

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



17.2611, 0.2930, 0.3939



17.2611, 0.2355, 0.3191



17.2611, 0.3275, 0.2747



17.2611, 0.3960, 0.3299

Sweetspot

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



17.2618, 0.2930, 0.3939



34.5539, 0.3062, 0.3472



18.5983, 0.3439, 0.4183



7.8163, 0.3055, 0.3491



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.



17.2618, 0.2930, 0.3939



29.9879, 0.2893, 0.4114



17.7175, 0.2719, 0.3446



4.8410, 0.3074, 0.3436



15.4857, 0.2844, 0.5439



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3746, 0.3402, 0.2721



17.8196, 0.3484, 0.2594



10.9587, 0.3779, 0.3143



4.3883, 0.3184, 0.3149



5.1920, 0.4261, 0.2121



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.2611, 0.2930, 0.3939 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 17.2611, 0.2930, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

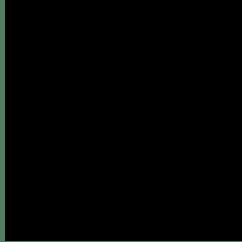
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2611, 0.2930, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 17.2611, 0.2930, 0.3939.



This preview shows how white text looks on a background with the Yxy color 17.2611, 0.2930, 0.3939.

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

17.2611, 0.2930, 0.3939

Protanopia

17.1544, 0.3522, 0.3765

Deuteranopia

17.1753, 0.3574, 0.3518



Tritanopia

17.1194, 0.2660, 0.3083

Trichromacy



Original Color

17.2611, 0.2930, 0.3939

Protanomaly

17.1098, 0.3279, 0.3833

Deuteranomaly

16.8833, 0.3306, 0.3658

Tritanomaly

17.1584, 0.2748, 0.3374

Monochromacy



Original Color

17.2611, 0.2930, 0.3939

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.9136, 0.3052, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2611, 0.2930, 0.3939 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(81, 125, 96)` looks like.

```
.text, #text, p{  
    color:rgb(81, 125, 96)  
}
```

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(81, 125, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 125, 96) }
```

Border

The CSS property to change the border of an element to Yxy 17.2611, 0.2930, 0.3939 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(81, 125, 96) }
```

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

```
.border{ border-color:rgb(81, 125, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 125, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 125, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 125, 96);  
box-shadow:4px 4px 4px 4px rgb(81, 125,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2611, 0.2930, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 125, 96) }
```

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

```
.background{ background-color: rgb(81, 125,  
96) }
```

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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