

Converting Colors

$Y_{xy}(17.9727, 0.2914, 0.3930)$

Have a look what the booklet for
Yxy(17.9727, 0.2914, 0.3930)
contains.

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Color

Yxy(17.8544, 0.2922, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	527F62
RGB	82, 127, 98
RGB Percent	32%, 50%, 38%
CMY	0.6783, 0.5020, 0.6157
CMYK	0.35, 0.00, 0.23, 0.50
HSL	141°, 22%, 41%
HSV	141°, 35%, 50%
XYZ	13.2750, 17.8544, 14.3017
YIQ	110.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

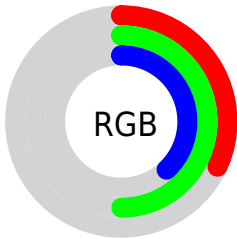
Format	Color
RYB	82, 115, 127
Decimal	5406562
CIELab	49.32, -22.13, 10.95
CIElCh	49, 24.691, 153.664
Yxy	17.8544, 0.2922, 0.3930
Android (android.graphics.Color)	4283596642 (0xFF527F62)
YUV	110.2390, -6.0338, -24.7656
Hunter-Lab	42.2545, -17.8665, 9.5105

Details

The Yxy color **17.8544, 0.2922, 0.3930** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.6979, 0.3415, 0.2729**, and the grayscale version is **15.6882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7990, 0.2973, 0.3766**, and **6.0279, 0.2825, 0.4277** is the 20% darker color. If you saturate the color by 10%, you get **17.1905, 0.2874, 0.4151**, and if you desaturate by 10%, it is **18.6410, 0.2976, 0.3726**.

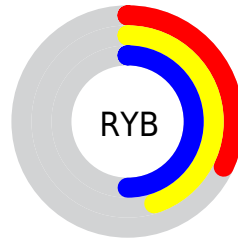
Distribution



Red (32%)

Green (50%)

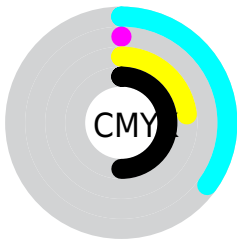
Blue (38%)



Red (32%)

Yellow (45%)

Blue (50%)

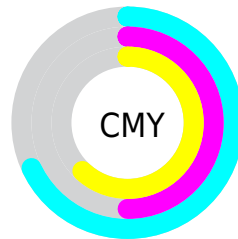


Cyan (35%)

Magenta (0%)

Yellow (23%)

Black (50%)



Cyan (68%)


Magenta (50%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8544, 0.2922, 0.3930 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 17.8544, 0.2922, 0.3930 by changing the saturation by 10% instead.


 17.8544, 0.2922,
0.3930


 17.8544, 0.2922,
0.3930


240.0491, 0.3047,
0.3546


 10.8455, 0.2879,
0.4057


 39.7891, 0.2975,
0.3770


 5.9630, 0.2814,
0.4247

 55.4836, 0.2992,
0.3717


 2.8226, 0.2704,
0.4558

 74.8422, 0.3006,
0.3674

 1.0398, 0.2396,
0.5658

 98.2492, 0.3017,
0.3639

 0.0000, 0.0000,
0.0000

 126.0890, 0.3027,
0.3610

158.7460, 0.3035,

0.3586

196.6045, 0.3041,
0.3565

■ 17.8544, 0.2922,
0.3930

■ 17.8544, 0.2922,
0.3930

■ 17.1905, 0.2874,
0.4151

■ 18.6410, 0.2976,
0.3726

■ 16.6408, 0.2836,
0.4384

■ 19.5540, 0.3034,
0.3540

■ 16.1991, 0.2810,
0.4625

■ 20.5994, 0.3094,
0.3373

■ 15.8578, 0.2798,
0.4864


■ 21.7825, 0.3155,
0.3224


■ 15.6082, 0.2803,
0.5095

■ 23.1080, 0.3214,
0.3093

 15.4367, 0.2824,
0.5307

 24.5807, 0.3271,
0.2977

 15.3689, 0.2833,
0.5398

 26.2048, 0.3326,
0.2876

 27.9846, 0.3378,
0.2787

 29.9241, 0.3428,
0.2710

Harmonies

Analogous

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



17.8544, 0.3391, 0.4144



17.8544, 0.2922, 0.3930



17.8544, 0.2527, 0.3500

Triad

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



17.8544, 0.2922, 0.3930



17.8544, 0.2454, 0.2539



17.8544, 0.4032, 0.3434

Complementary

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



17.8544, 0.2922, 0.3930



11.6979, 0.3415, 0.2729

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.



17.8544, 0.3743, 0.3062



17.8544, 0.2922, 0.3930



17.8544, 0.2813, 0.2567

Square

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



17.8544, 0.2922, 0.3930



17.8544, 0.2275, 0.2696



17.8544, 0.3285, 0.2754



17.8544, 0.4051, 0.3801

Rectangle

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



17.8544, 0.2922, 0.3930



17.8544, 0.2353, 0.3183



17.8544, 0.3285, 0.2754



17.8544, 0.3963, 0.3307

Sweetspot

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



17.8551, 0.2922, 0.3930



35.7655, 0.3059, 0.3468



19.1842, 0.3432, 0.4193



8.3259, 0.3053, 0.3487



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.



17.8551, 0.2922, 0.3930



31.0530, 0.2885, 0.4096



18.3355, 0.2709, 0.3431



4.8420, 0.3072, 0.3432



15.5000, 0.2833, 0.5399



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.6979, 0.3415, 0.2729



18.3940, 0.3499, 0.2608



11.2672, 0.3800, 0.3157



4.3873, 0.3186, 0.3152



5.1628, 0.4317, 0.2152



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.8544, 0.2922, 0.3930 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 17.8544, 0.2922, 0.3930 looks on a black 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

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

Yxy 17.8544, 0.2922, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 17.8544, 0.2922, 0.3930.



This preview shows how white text looks on a background with the Yxy color 17.8544, 0.2922, 0.3930.

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

17.8544, 0.2922, 0.3930

Protanopia

17.7980, 0.3515, 0.3758

Deuteranopia

17.5963, 0.3571, 0.3496



Tritanopia

17.7089, 0.2656, 0.3085

Trichromacy



Original Color

17.8544, 0.2922, 0.3930

Protanomaly

17.7522, 0.3277, 0.3825

Deuteranomaly

17.2875, 0.3306, 0.3633

Tritanomaly

17.7498, 0.2743, 0.3373

Monochromacy



Original Color

17.8544, 0.2922, 0.3930

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.2407, 0.3041, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8544, 0.2922, 0.3930 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(82, 127, 98)` looks like.

```
.text, #text, p{  
    color:rgb(82, 127, 98)  
}
```

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(82, 127, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 127, 98) }
```

Border

The CSS property to change the border of an element to Yxy 17.8544, 0.2922, 0.3930 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(82, 127, 98) }
```

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

```
.border{ border-color:rgb(82, 127, 98) }
```

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

Here you see how a box with a 4 pixel rgb(82, 127, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 127, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 127, 98);  
box-shadow:4px 4px 4px 4px rgb(82, 127,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8544, 0.2922, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 127, 98) }
```

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

```
.background{ background-color: rgb(82, 127,  
98) }
```

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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