

Converting Colors

XYZ(13.9847, 17.8728, 12.8379)

Have a look what the booklet for
XYZ(13.9847, 17.8728, 12.8379)
contains.

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Color

**XYZ(13.9847, 17.8728,
12.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7D5C
RGB	95, 125, 92
RGB Percent	37%, 49%, 36%
CMY	0.6274, 0.5098, 0.6392
CMYK	0.24, 0.00, 0.26, 0.51
HSL	115°, 15%, 43%
HSV	115°, 26%, 49%
XYZ	13.9847, 17.8728, 12.8379
YIQ	112.2680, -7.2870, -16.6230

Conversions

Conversions Part 2

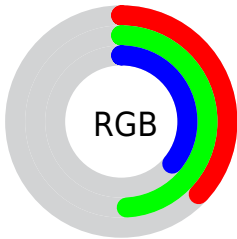
Format	Color
R_{YB}	92, 125, 122
Decimal	6258012
CIE _{Lab}	49.34, -17.68, 14.59
CIE _{LCh}	49, 22.922, 140.480
Yxy	17.8728, 0.3129, 0.3999
Android (android.graphics.Color)	4284448092 (0xFF5F7D5C)
YUV	112.2680, -9.9921, -15.1440
Hunter-Lab	42.2762, -14.9368, 11.5889

Details

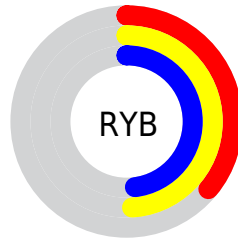
The XYZ color **13.9847, 17.8728, 12.8379** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.5555, 13.2730, 21.1450**, and the grayscale version is **15.5102, 16.3179, 17.7702**.

A 20% lighter version of the original color is **32.6569, 39.9048, 31.5724**, and **4.2965, 5.9945, 3.5154** is the 20% darker color. If you saturate the color by 10%, you get **12.3873, 17.1078, 10.1423**, and if you desaturate by 10%, it is **15.8455, 18.7642, 16.0173**.

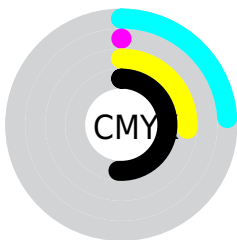
Distribution



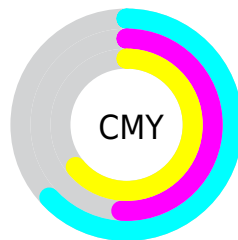
- Red (37%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (48%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9847, 17.8728, 12.8379 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 XYZ color 13.9847, 17.8728, 12.8379 by changing the saturation by 10% instead.

■ 13.9847, 17.8728,
12.8379

■ 13.9847, 17.8728,
12.8379

210.6481,
240.1531, 221.0474

■ 8.1917, 10.8587,
7.1876

■ 32.6484, 39.8205,
31.6992

■ 4.2707, 5.9719,
3.4995

■ 46.2497, 55.5228,
45.7472

■ 1.8564, 2.8280,
1.3550

■ 63.1845, 74.8900,
63.4316

■ 0.5513, 1.0426,
0.1062

■ 83.8182, 98.3065,
85.1708

■ 0.0000, 0.0000,
0.0000

108.5160,
126.1567, 111.3835

137.6434,

158.8249, 142.4881

171.5656,
196.6956, 178.9032

■ 13.9847, 17.8728,
12.8379

■ 13.9847, 17.8728,
12.8379

■ 12.3873, 17.1078,
10.1423

■ 15.8455, 18.7642,
16.0173

■ 11.0400, 16.4614,
7.9058

■ 17.9794, 19.7849,
19.7013

■ 9.9305, 15.9282,
6.1030

■ 20.3972, 20.9406,
23.9111

■ 9.0449, 15.5017,
4.7059

■ 23.1089, 22.2362,
28.6660

■ 8.3680, 15.1746,
3.6830

■ 26.1240, 23.6759,
33.9847

■ 7.8823, 14.9389,
2.9983

■ 29.4513, 25.2640,
39.8847

■ 7.5631, 14.7832,
2.5840

■ 33.0996, 27.0048,
46.3829

■ 7.4768, 14.7415,
2.4513

■ 37.0772, 28.9020,
53.4954

■ 41.3920, 30.9594,
61.2380

Harmonies

Analogous

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



15.5773, 17.8728, 10.3188



13.9847, 17.8728, 12.8379



13.2165, 17.8728, 17.5611

Triad

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



13.9847, 17.8728, 12.8379



16.3107, 17.8728, 33.6836



21.1769, 17.8728, 15.5932

Complementary

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



13.9847, 17.8728, 12.8379



15.5555, 13.2730, 21.1450

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.



21.4152, 17.8728, 21.4920



13.9847, 17.8728, 12.8379



18.4805, 17.8728, 32.8442

Square

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



13.9847, 17.8728, 12.8379



14.4825, 17.8728, 30.1371



20.3922, 17.8728, 28.0404



19.7660, 17.8728, 11.6602

Rectangle

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



13.9847, 17.8728, 12.8379



13.2267, 17.8728, 21.7020



20.3922, 17.8728, 28.0404



21.4012, 17.8728, 17.3788

Sweetspot

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



13.9852, 17.8736, 12.8383



31.4733, 35.0831, 34.0279



17.3127, 18.9790, 12.8763



7.0425, 7.9244, 7.5385



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.9852, 17.8736, 12.8383



23.1664, 31.1067, 19.8152



14.3079, 17.9673, 16.1329



4.3095, 4.8360, 4.6264



7.8001, 15.3835, 2.5582



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5555, 13.2730, 21.1450



26.5004, 21.3303, 37.4648



15.1987, 13.1801, 17.0144



4.4609, 4.3932, 5.4261



11.0539, 5.2522, 20.6811



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9847, 17.8728, 12.8379 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 XYZ color 13.9847, 17.8728, 12.8379 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](#).

XYZ 13.9847, 17.8728, 12.8379

Background



This preview shows how black text looks on a background with the XYZ color 13.9847, 17.8728, 12.8379.



This preview shows how white text looks on a background with the XYZ color 13.9847, 17.8728,

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

13.9847, 17.8728, 12.8379

Protanopia

16.5802, 17.7871, 11.7919

Deuteranopia

18.0131, 17.6488, 13.2836



Tritanopia

16.1126, 17.8113, 23.7078

Trichromacy



Original Color

13.9847, 17.8728, 12.8379

Protanomaly

15.4591, 17.7316, 12.0590

Deuteranomaly

16.2668, 17.5957, 13.1286

Tritanomaly

15.2575, 17.8327, 19.1609

Monochromacy



Original Color

13.9847, 17.8728, 12.8379

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8550, 16.8067, 15.8257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9847, 17.8728, 12.8379 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(95, 125, 92) looks like.

```
.text, #text, p{  
    color:rgb(95, 125, 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(95, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 125, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.9847, 17.8728, 12.8379 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(95, 125, 92) }
```


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

```
.border{ border-color:rgb(95, 125, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 125, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(95, 125,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9847, 17.8728, 12.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 125, 92) }
```

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

```
.background{ background-color: rgb(95, 125,  
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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