

Converting Colors

XYZ(13.8527, 17.8057, 12.3725)

Have a look what the booklet for
XYZ(13.8527, 17.8057, 12.3725)
contains.

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Color

**XYZ(13.8984, 17.8383,
12.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7D5A
RGB	95, 125, 90
RGB Percent	37%, 49%, 35%
CMY	0.6274, 0.5098, 0.6471
CMYK	0.24, 0.00, 0.28, 0.51
HSL	111°, 16%, 42%
HSV	111°, 28%, 49%
XYZ	13.8984, 17.8383, 12.3835
YIQ	112.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

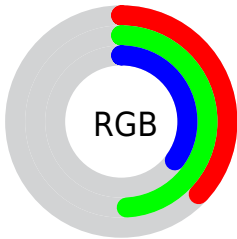
Format	Color
R_{YB}	90, 125, 120
Decimal	6258010
CIE _{Lab}	49.30, -18.04, 15.69
CIE _{LCh}	49, 23.909, 139.002
Yxy	17.8383, 0.3150, 0.4043
Android (android.graphics.Color)	4284448090 (0xFF5F7D5A)
YUV	112.0400, -10.8657, -14.9441
Hunter-Lab	42.2354, -15.1730, 12.1809

Details

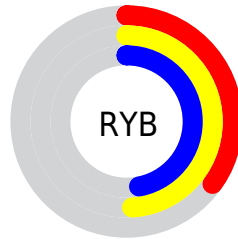
The XYZ color **13.8984, 17.8383, 12.3835** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.1043, 12.7866, 21.0749**, and the grayscale version is **15.4455, 16.2499, 17.6961**.

A 20% lighter version of the original color is **32.5081, 39.8452, 30.7885**, and **4.2580, 5.9791, 3.3125** is the 20% darker color. If you saturate the color by 10%, you get **12.3731, 17.1089, 9.7645**, and if you desaturate by 10%, it is **15.6673, 18.6840, 15.4818**.

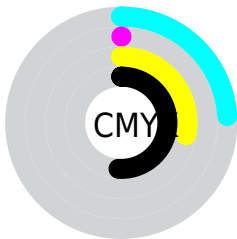
Distribution



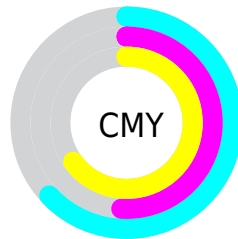
- Red (37%)
- Green (49%)
- Blue (35%)



- Red (35%)
- Yellow (49%)
- Blue (47%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8984, 17.8383, 12.3835 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 13.8984, 17.8383, 12.3835 by changing the saturation by 10% instead.

■ 13.8984, 17.8383,
12.3835

■ 13.8984, 17.8383,
12.3835

210.1211,
239.9580, 217.9951

■ 8.1313, 10.8340,
6.8797

■ 32.4964, 39.7616,
30.8665

■ 4.2316, 5.9553,
3.3097

■ 46.0580, 55.4493,
44.6827

■ 1.8340, 2.8179,
1.2549

■ 62.9485, 74.8004,
62.1069

■ 0.5380, 1.0374,
0.0244

■ 83.5331, 98.1990,
83.5575

■ 0.0000, 0.0000,
0.0000

108.1774,
126.0297, 109.4531

137.2466,

158.6769, 140.2122

171.1060,
196.5248, 176.2534

■ 13.8984, 17.8383,
12.3835

■ 13.8984, 17.8383,
12.3835

■ 12.3731, 17.1089,
9.7645

■ 15.6673, 18.6840,
15.4818

■ 11.0792, 16.4885,
7.5998

■ 17.6884, 19.6483,
19.0805

■ 10.0059, 15.9724,
5.8639

■ 19.9716, 20.7365,
23.2006

■ 9.1404, 15.5549,
4.5282

■ 22.5258, 21.9528,
27.8619

■ 8.4692, 15.2296,
3.5607

■ 25.3597, 23.3011,
33.0830

■ 7.9766, 14.9893,
2.9247

■ 28.4813, 24.7852,
38.8816

■ 7.6361, 14.8221,
2.5303

■ 31.8986, 26.4089,
45.2746

■ 7.5807, 14.7951,
2.4562

■ 35.6189, 28.1756,
52.2783

■ 39.6496, 30.0888,
59.9083

Harmonies

Analogous

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



15.5865, 17.8383, 9.9151



13.8984, 17.8383, 12.3835



13.0573, 17.8383, 17.1566

Triad

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



13.8984, 17.8383, 12.3835



16.1438, 17.8383, 34.2779



21.3769, 17.8383, 15.6660

Complementary

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



13.8984, 17.8383, 12.3835



15.1043, 12.7866, 21.0749

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.



21.5596, 17.8383, 21.8804



13.8984, 17.8383, 12.3835



18.4009, 17.8383, 33.6291

Square

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



13.8984, 17.8383, 12.3835



14.2753, 17.8383, 30.3389



20.4293, 17.8383, 28.7241



19.9502, 17.8383, 11.5006

Rectangle

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



13.8984, 17.8383, 12.3835



13.0353, 17.8383, 21.4241



20.4293, 17.8383, 28.7241



21.5903, 17.8383, 17.5503

Sweetspot

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



13.8989, 17.8391, 12.3839



31.5999, 35.1484, 34.0338



16.9901, 18.4719, 12.3431



7.0753, 7.9413, 7.5400



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.



13.8989, 17.8391, 12.3839



22.9786, 31.0303, 18.8855



13.9613, 17.8060, 15.3370



4.3288, 4.8459, 4.6273



7.9075, 15.4389, 2.5632



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1043, 12.7866, 21.0749



25.5314, 20.3117, 37.3193



15.0808, 12.8594, 17.2370



4.4397, 4.3823, 5.4251



10.2057, 4.8149, 20.6414



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.8984, 17.8383, 12.3835 looks on a white background.

Color Contrast Check

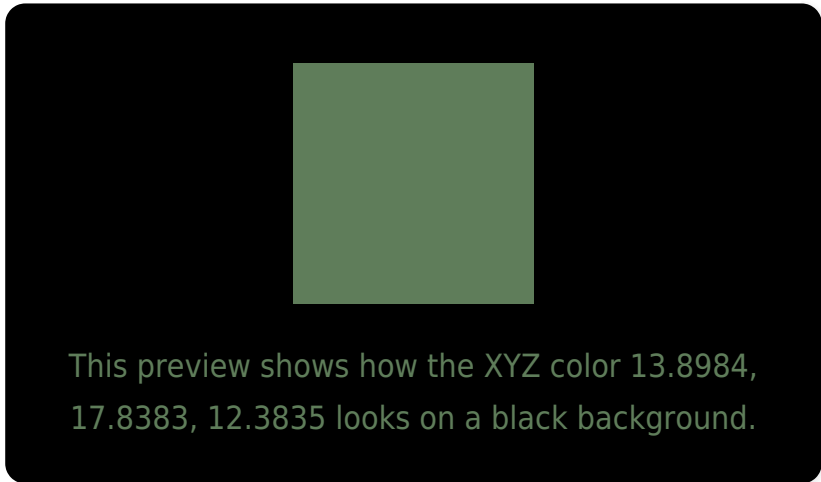
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.8984, 17.8383, 12.3835

Background



This preview shows how black text looks on a background with the XYZ color 13.8984, 17.8383, 12.3835.



This preview shows how white text looks on a background with the XYZ color 13.8984, 17.8383,

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

13.8984, 17.8383, 12.3835

Protanopia

16.4985, 17.7544, 11.3615

Deuteranopia

17.9233, 17.6129, 12.8109



Tritanopia

16.1584, 17.8427, 23.3612

Trichromacy



Original Color

13.8984, 17.8383, 12.3835

Protanomaly

15.3762, 17.6985, 11.6226

Deuteranomaly

16.1782, 17.5602, 12.6620

Tritanomaly

15.1996, 17.8095, 18.8561

Monochromacy



Original Color

13.8984, 17.8383, 12.3835

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8038, 16.7862, 15.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8984, 17.8383, 12.3835 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, 90) looks like.

```
.text, #text, p{  
    color:rgb(95, 125, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 125, 90) }
```

Border

The CSS property to change the border of an element to XYZ 13.8984, 17.8383, 12.3835 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, 90) }
```


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

```
.border{ border-color:rgb(95, 125, 90) }
```

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, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 125, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 125, 90);  
box-shadow:4px 4px 4px 4px rgb(95, 125,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8984, 17.8383, 12.3835 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, 90) }
```

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

```
.background{ background-color: rgb(95, 125,  
90) }
```

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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