

Converting Colors

XYZ(13.1436, 17.7072, 9.3828)

Have a look what the booklet for
XYZ(13.1436, 17.7072, 9.3828)
contains.

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Color

**XYZ(13.1445, 17.7050,
9.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7E4B
RGB	92, 126, 75
RGB Percent	36%, 49%, 29%
CMY	0.6392, 0.5059, 0.7059
CMYK	0.27, 0.00, 0.40, 0.51
HSL	100°, 25%, 39%
HSV	100°, 40%, 49%
XYZ	13.1445, 17.7050, 9.3812
YIQ	110.0200, -3.8930, -23.0690

Conversions

Conversions Part 2

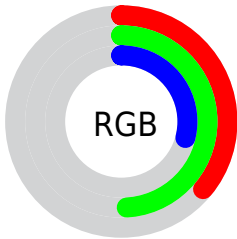
Format	Color
RYB	75, 126, 109
Decimal	6061643
CIELab	49.14, -22.19, 23.97
CIELCh	49, 32.667, 132.797
Yxy	17.7050, 0.3267, 0.4401
Android (android.graphics.Color)	4284251723 (0xFF5C7E4B)
YUV	110.0200, -17.2649, -15.8035
Hunter-Lab	42.0773, -17.8738, 16.2353

Details

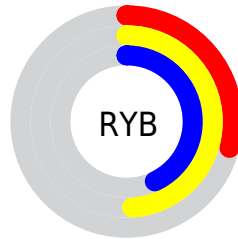
The XYZ color **13.1445, 17.7050, 9.3812** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.5893, 9.7902, 20.9657**, and the grayscale version is **14.8759, 15.6506, 17.0435**.

A 20% lighter version of the original color is **31.0859, 39.5351, 25.0614**, and **3.9144, 5.9319, 2.1011** is the 20% darker color. If you saturate the color by 10%, you get **11.9622, 17.1410, 7.2934**, and if you desaturate by 10%, it is **14.5062, 18.3527, 11.9241**.

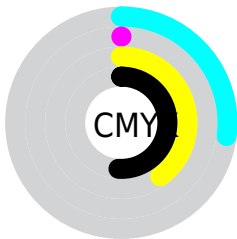
Distribution



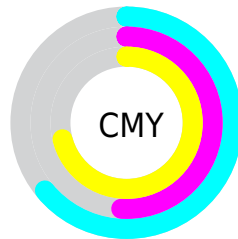
- Red (36%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (43%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (51%)





- Cyan (64%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.1445, 17.7050, 9.3812 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 13.1445, 17.7050, 9.3812 by changing the saturation by 10% instead.


 13.1445, 17.7050,
9.3812


 13.1445, 17.7050,
9.3812


205.4606,
239.2030, 196.5183


 7.6058, 10.7384,
4.8905


 31.1623, 39.5340,
25.2143


 3.8934, 5.8912,
2.1255

 44.3720, 55.1652,
37.3937

 1.6420, 2.7790,
0.6309

 60.8695, 74.4534,
52.9730

 0.4196, 1.0175,
0.0000

 81.0201, 97.7830,
72.3709

 0.0000, 0.0000,
0.0000

 105.1892,
125.5383, 96.0058

133.7421,

158.1038, 124.2963

167.0441,
195.8639, 157.6610

■ 13.1445, 17.7050,
9.3812

■ 13.1445, 17.7050,
9.3812

■ 11.9622, 17.1410,
7.2934

■ 14.5062, 18.3527,
11.9241

■ 10.9499, 16.6549,
5.6327

■ 16.0535, 19.0851,
14.9455

■ 10.0993, 16.2434,
4.3698

■ 17.7940, 19.9061,
18.4689

■ 9.4006, 15.9024,
3.4713

■ 19.7343, 20.8188,
22.5154

■ 8.8429, 15.6270,
2.8981

■ 21.8808, 21.8260,
27.1054

■ 8.4160, 15.4146,
2.5317

■ 24.2396, 22.9304,
32.2578

■ 26.8164, 24.1346,
37.9909

■ 29.6169, 25.4410,
44.3220

■ 32.6463, 26.8522,
51.2678

Harmonies

Analogous

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



15.5603, 17.7050, 7.0864



13.1445, 17.7050, 9.3812



11.8175, 17.7050, 14.7181

Triad

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



13.1445, 17.7050, 9.3812



15.1499, 17.7050, 40.2263



23.2305, 17.7050, 15.7866

Complementary

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



13.1445, 17.7050, 9.3812



12.5893, 9.7902, 20.9657

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.



23.0859, 17.7050, 24.6934



13.1445, 17.7050, 9.3812



18.1629, 17.7050, 40.7754

Square

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



13.1445, 17.7050, 9.3812



12.8755, 17.7050, 33.1143



21.1426, 17.7050, 34.4434



21.5166, 17.7050, 9.9585

Rectangle

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



13.1445, 17.7050, 9.3812



11.6166, 17.7050, 20.1103



21.1426, 17.7050, 34.4434



23.4032, 17.7050, 18.4685

Sweetspot

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



13.1449, 17.7058, 9.3816



30.7416, 34.7650, 31.3220



15.3435, 15.8816, 8.9136



6.9211, 7.8741, 6.9786



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.



13.1449, 17.7058, 9.3816



21.1193, 30.2013, 12.9470



11.9437, 17.0506, 10.9471



4.4006, 4.8830, 4.6307



8.6294, 15.8110, 2.5970



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.5893, 9.7902, 20.9657



19.9820, 14.1536, 36.4231



14.3613, 10.7644, 18.3057



4.3632, 4.3429, 5.4216



7.6100, 3.4768, 20.5199



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.1445, 17.7050, 9.3812 looks on a white background.

Color Contrast Check

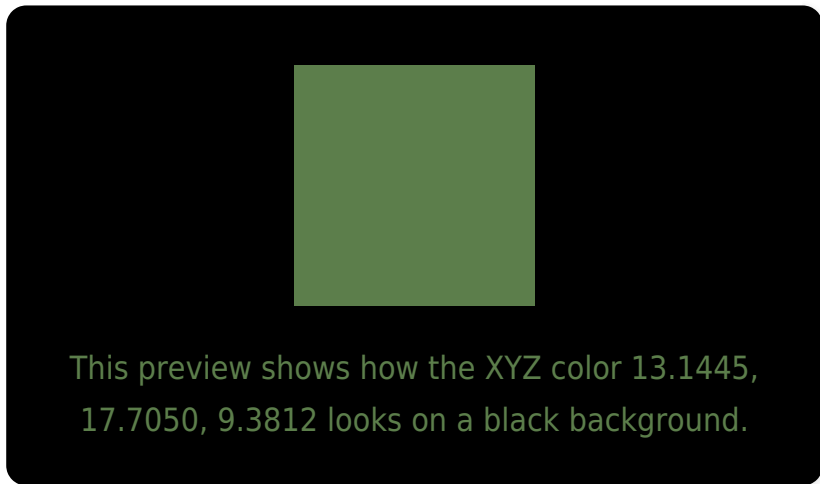
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1445, 17.7050, 9.3812

Background



This preview shows how black text looks on a background with the XYZ color 13.1445, 17.7050, 9.3812.



This preview shows how white text looks on a background with the XYZ color 13.1445, 17.7050,

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

13.1445, 17.7050, 9.3812

Protanopia

16.1351, 17.4577, 8.4805

Deuteranopia

17.7070, 17.4079, 9.6345



Tritanopia

16.0457, 17.7846, 23.3560

Trichromacy



Original Color

13.1445, 17.7050, 9.3812

Protanomaly

14.8256, 17.4782, 8.7231

Deuteranomaly

15.6110, 17.1642, 9.5114

Tritanomaly

14.7569, 17.6199, 17.0912

Monochromacy



Original Color

13.1445, 17.7050, 9.3812

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

13.9966, 16.2374, 13.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1445, 17.7050, 9.3812 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, 126, 75)` looks like.

```
.text, #text, p{  
    color:rgb(92, 126, 75)  
}
```

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, 126, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 126, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.1445, 17.7050, 9.3812 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, 126, 75) }
```


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

```
.border{ border-color:rgb(92, 126, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 126, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 126, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 126, 75);  
box-shadow:4px 4px 4px 4px rgb(92, 126,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1445, 17.7050, 9.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 126, 75) }
```

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

```
.background{ background-color: rgb(92, 126,  
75) }
```

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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