

Converting Colors

XYZ(13.1810, 17.2192, 9.3905)

Have a look what the booklet for
XYZ(13.1810, 17.2192, 9.3905)
contains.

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Color

**XYZ(13.1068, 17.1206,
9.4513)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7B4C
RGB	95, 123, 76
RGB Percent	37%, 48%, 30%
CMY	0.6274, 0.5176, 0.7020
CMYK	0.23, 0.00, 0.38, 0.52
HSL	96°, 24%, 39%
HSV	96°, 38%, 48%
XYZ	13.1068, 17.1206, 9.4513
YIQ	109.2700, -1.6010, -20.5530

Conversions

Conversions Part 2

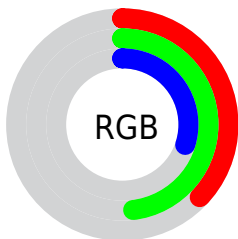
Format	Color
R _Y B	76, 123, 104
Decimal	6257484
CIE Lab	48.41, -19.32, 22.50
CIE LCh	48, 29.656, 130.647
Yxy	17.1206, 0.3303, 0.4315
Android (android.graphics.Color)	4284447564 (0xFF5F7B4C)
YUV	109.2700, -16.4021, -12.5148
Hunter-Lab	41.3770, -15.8673, 15.4210

Details

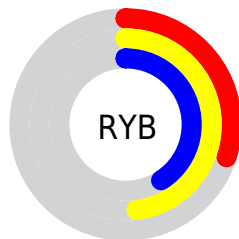
The XYZ color **13.1068, 17.1206, 9.4513** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.8692, 9.5425, 19.9561**, and the grayscale version is **14.6584, 15.4218, 16.7943**.

A 20% lighter version of the original color is **31.0811, 38.6423, 25.2226**, and **3.8684, 5.6008, 2.1735** is the 20% darker color. If you saturate the color by 10%, you get **11.9938, 16.5921, 7.3765**, and if you desaturate by 10%, it is **14.3741, 17.7202, 11.9609**.

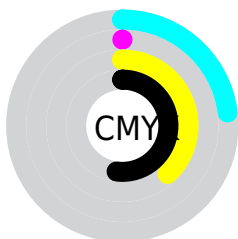
Distribution



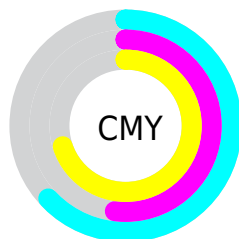
- Red (37%)
- Green (48%)
- Blue (30%)



- Red (30%)
- Yellow (48%)
- Blue (41%)



- Cyan (23%)
- Magenta (0%)
- Yellow (38%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1068, 17.1206, 9.4513 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 13.1068, 17.1206, 9.4513 by changing the saturation by 10% instead.

■ 13.1068, 17.1206,
9.4513

■ 13.1068, 17.1206,
9.4513

205.2248,
235.8664, 197.0501

■ 7.5796, 10.3205,
4.9359

■ 31.0952, 38.5330,
25.3497

■ 3.8767, 5.6120,
2.1516

■ 44.2872, 53.9141,
37.5697

■ 1.6326, 2.6106,
0.6462

■ 60.7648, 72.9244,
53.1951

■ 0.4135, 0.9320,
0.0000

■ 80.8933, 95.9481,
72.6443

■ 0.0000, 0.0000,
0.0000

■ 105.0383,
123.3698, 96.3358

133.5649,

155.5739, 124.6883

166.8387,
192.9446, 158.1202

■ 13.1068, 17.1206,
9.4513

■ 13.1068, 17.1206,
9.4513

■ 11.9938, 16.5921,
7.3765

■ 14.3741, 17.7202,
11.9609

■ 11.0271, 16.1297,
5.7107

■ 15.8006, 18.3914,
14.9270

■ 10.2000, 15.7308,
4.4270

■ 17.3926, 19.1375,
18.3712

■ 9.5046, 15.3922,
3.4949

■ 19.1555, 19.9609,
22.3132

■ 8.9319, 15.1100,
2.8792

■ 21.0946, 20.8639,
26.7718

■ 8.4622, 14.8760,
2.4885

■ 23.2149, 21.8486,
31.7648

■ 8.3850, 14.8376,
2.4220

■ 25.5212, 22.9172,
37.3090

■ 28.0181, 24.0717,
43.4206

■ 30.7100, 25.3141,
50.1152

Harmonies

Analogous

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



15.3281, 17.1206, 7.4795



13.1068, 17.1206, 9.4513



11.8320, 17.1206, 14.1176

Triad

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



13.1068, 17.1206, 9.4513



14.6051, 17.1206, 36.5794



21.9541, 17.1206, 16.0162

Complementary

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



13.1068, 17.1206, 9.4513



11.8692, 9.5425, 19.9561

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.



21.7049, 17.1206, 24.0411



13.1068, 17.1206, 9.4513



17.2552, 17.1206, 37.5068

Square

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



13.1068, 17.1206, 9.4513



12.6282, 17.1206, 30.1595



19.9111, 17.1206, 32.4230



20.5583, 17.1206, 10.5076

Rectangle

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



13.1068, 17.1206, 9.4513



11.5956, 17.1206, 18.8106



19.9111, 17.1206, 32.4230



22.0635, 17.1206, 18.4733

Sweetspot

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



13.1072, 17.1213, 9.4517



30.2402, 33.8457, 30.9171



14.3653, 14.5170, 8.8827



7.0479, 7.9364, 7.1203



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.



13.1072, 17.1213, 9.4517



21.6795, 29.8075, 13.5744



11.5089, 16.2811, 10.1096



4.0900, 4.5217, 4.2817



8.6679, 15.3457, 2.5052



40.4367, 72.7313, 11.9073

Inverse Universe

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



11.8692, 9.5425, 19.9561



19.1160, 14.1446, 35.2793



14.0882, 10.7142, 18.8054



4.0051, 4.0005, 5.0043



6.5567, 2.9528, 19.6097



30.2941, 13.5792, 93.4942

Previews

White Background



This preview shows how the XYZ color 13.1068, 17.1206, 9.4513 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 13.1068, 17.1206, 9.4513 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](#).

XYZ 13.1068, 17.1206, 9.4513

Background



This preview shows how black text looks on a background with the XYZ color 13.1068, 17.1206, 9.4513.



This preview shows how white text looks on a background with the XYZ color 13.1068, 17.1206,

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

13.1068, 17.1206, 9.4513

Protanopia

15.7908, 17.1025, 8.7722

Deuteranopia

17.3037, 17.0347, 9.7732



Tritanopia

15.7207, 17.1125, 22.2131

Trichromacy



Original Color

13.1068, 17.1206, 9.4513

Protanomaly

14.6539, 17.0287, 8.9931

Deuteranomaly

15.5319, 16.9491, 9.6606

Tritanomaly

14.5591, 16.9857, 16.6986

Monochromacy



Original Color

13.1068, 17.1206, 9.4513

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.8839, 15.8408, 13.6351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1068, 17.1206, 9.4513 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, 123, 76) looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 76)  
}
```

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, 123, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 76) }
```

Border

The CSS property to change the border of an element to XYZ 13.1068, 17.1206, 9.4513 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, 123, 76) }
```


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

```
.border{ border-color:rgb(95, 123, 76) }
```

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

Here you see how a box with a 4 pixel rgb(95, 123, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 76);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1068, 17.1206, 9.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 76) }
```

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

```
.background{ background-color: rgb(95, 123,  
76) }
```

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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