

Converting Colors

XYZ(13.4912, 14.4039, 11.4799)

Have a look what the booklet for
XYZ(13.4912, 14.4039, 11.4799)
contains.

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Color

**XYZ(13.5128, 14.4088,
11.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6A59
RGB	111, 106, 89
RGB Percent	44%, 42%, 35%
CMY	0.5647, 0.5843, 0.6510
CMYK	0.00, 0.05, 0.20, 0.56
HSL	46°, 11%, 39%
HSV	46°, 20%, 44%
XYZ	13.5128, 14.4088, 11.5202
YIQ	105.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

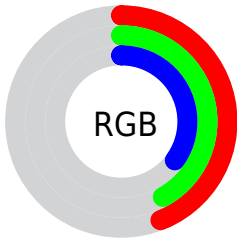
Format	Color
RYB	95, 111, 89
Decimal	7301721
CIELab	44.81, -1.17, 10.26
CIELCh	45, 10.323, 96.499
Yxy	14.4088, 0.3426, 0.3653
Android (android.graphics.Color)	4285491801 (0xFF6F6A59)
YUV	105.5570, -8.1626, 4.7735
Hunter-Lab	37.9589, -2.8848, 8.5773

Details

The XYZ color **13.5128, 14.4088, 11.5202** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9919, 11.2770, 16.6366**, and the grayscale version is **13.5988, 14.3070, 15.5803**.

A 20% lighter version of the original color is **31.8214, 33.7646, 29.2661**, and **4.0499, 4.3591, 2.9134** is the 20% darker color. If you saturate the color by 10%, you get **12.8254, 13.7246, 9.1623**, and if you desaturate by 10%, it is **14.2789, 15.1377, 14.2516**.

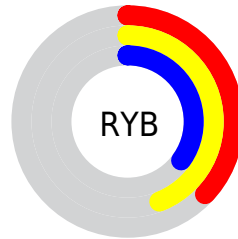
Distribution



Red (44%)

Green (42%)

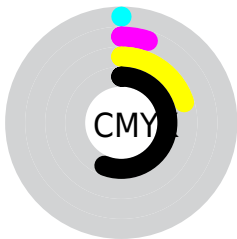
Blue (35%)



Red (37%)

Yellow (44%)

Blue (35%)

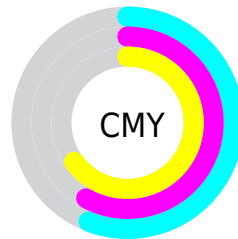


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5128, 14.4088, 11.5202 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 13.5128, 14.4088, 11.5202 by changing the saturation by 10% instead.

■ 13.5128, 14.4088,
11.5202

■ 13.5128, 14.4088,
11.5202

207.7503,
219.7594, 212.0664

■ 7.8620, 8.4055,
6.2993

■ 31.8156, 33.8126,
29.2694

■ 4.0578, 4.3555,
2.9562

■ 45.1983, 47.9820,
42.6348

■ 1.7349, 1.8744,
1.0723

■ 61.8890, 65.6422,
59.5521

■ 0.4780, 0.5329,
0.0000

■ 82.2531, 87.1776,
80.4399

■ 0.0000, 0.0000,
0.0000

■ 106.6559,
112.9727, 105.7167

135.4628,

143.4117, 135.8010

169.0392,
178.8791, 171.1114

■ 13.5128, 14.4088,
11.5202

■ 13.5128, 14.4088,
11.5202

■ 12.8254, 13.7246,
9.1623

■ 14.2789, 15.1377,
14.2516

■ 12.2125, 13.0817,
7.1603

■ 15.1255, 15.9107,
17.3710

■ 11.6708, 12.4794,
5.4968

■ 16.0560, 16.7297,
20.8933

■ 11.1967, 11.9161,
4.1524

■ 17.0730, 17.5958,
24.8325

■ 10.7861, 11.3900,
3.1059

■ 18.1790, 18.5102,
29.2017

■ 10.4344, 10.8991,
2.3332

■ 19.3765, 19.4739,
34.0135

■ 10.1362, 10.4412,
1.8069

■ 20.6679, 20.4880,
39.2801

■ 9.8707, 10.0079,
1.4172

■ 22.0554, 21.5534,
45.0130

■ 9.8660, 10.0002,
1.4102

■ 23.5412, 22.6712,
51.2236

Harmonies

Analogous

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



14.3505, 14.4088, 11.8112



13.5128, 14.4088, 11.5202



12.7551, 14.4088, 12.2506

Triad

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



13.5128, 14.4088, 11.5202



12.4352, 14.4088, 18.6097



15.2332, 14.4088, 17.6101

Complementary

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



13.5128, 14.4088, 11.5202



10.9919, 11.2770, 16.6366

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.



14.6803, 14.4088, 19.7165



13.5128, 14.4088, 11.5202



13.0600, 14.4088, 20.3337

Square

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



13.5128, 14.4088, 11.5202



12.1495, 14.4088, 16.2191



13.8791, 14.4088, 20.7581



15.3665, 14.4088, 15.1700

Rectangle

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



13.5128, 14.4088, 11.5202



12.3897, 14.4088, 13.2675



13.8791, 14.4088, 20.7581



15.0892, 14.4088, 18.3880

Sweetspot

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



13.5132, 14.4094, 11.5205



26.1055, 27.6029, 27.4796



12.1546, 11.3351, 12.1686



6.2551, 6.6161, 6.5408



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.5132, 14.4094, 11.5205



23.5848, 25.1997, 18.5062



13.3293, 15.1018, 11.6638



3.5807, 3.7940, 3.6169



11.6059, 11.7444, 1.6552



57.1449, 57.1650, 8.0221

Inverse Universe

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



10.9919, 11.2770, 16.6366



18.1511, 18.4495, 29.5342



11.1474, 10.7185, 16.5206



3.2735, 3.4122, 4.2403



3.7783, 2.1469, 17.9369



18.2665, 9.5848, 89.1664

Previews

White Background



This preview shows how the XYZ color 13.5128, 14.4088, 11.5202 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 13.5128, 14.4088, 11.5202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

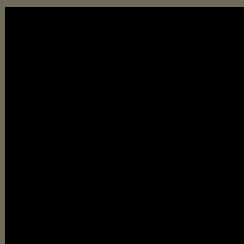
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5128, 14.4088, 11.5202

Background



This preview shows how black text looks on a background with the XYZ color 13.5128, 14.4088, 11.5202.

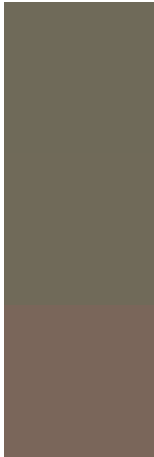


This preview shows how white text looks on a background with the XYZ color 13.5128, 14.4088,

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

13.5128, 14.4088, 11.5202

Protanopia

13.6393, 14.4741, 11.5261

Deuteranopia

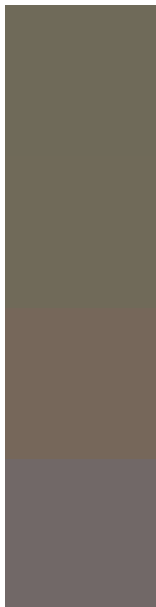
14.6229, 14.3785, 11.6775



Tritanopia

14.6589, 14.4256, 17.0507

Trichromacy



Original Color

13.5128, 14.4088, 11.5202

Protanomaly

13.6393, 14.4741, 11.5261

Deuteranomaly

14.1669, 14.2902, 11.6845

Tritanomaly

14.2085, 14.3906, 14.8608

Monochromacy



Original Color

13.5128, 14.4088, 11.5202

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.6386, 14.4163, 14.1204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5128, 14.4088, 11.5202 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(111, 106, 89)` looks like.

```
.text, #text, p{  
    color:rgb(111, 106, 89)  
}
```

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(111, 106, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 106, 89) }
```

Border

The CSS property to change the border of an element to XYZ 13.5128, 14.4088, 11.5202 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(111, 106, 89) }
```


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

```
.border{ border-color:rgb(111, 106, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 106, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 106, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 106, 89);  
box-shadow:4px 4px 4px 4px rgb(111, 106,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5128, 14.4088, 11.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 106, 89) }
```

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

```
.background{ background-color: rgb(111,  
106, 89) }
```

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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