

Converting Colors

XYZ(13.9385, 14.9128, 12.7335)

Have a look what the booklet for
XYZ(13.9385, 14.9128, 12.7335)
contains.

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Color

**XYZ(13.9385, 14.9128,
12.7335)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6C5E
RGB	111, 108, 94
RGB Percent	44%, 42%, 37%
CMY	0.5647, 0.5765, 0.6314
CMYK	0.00, 0.03, 0.15, 0.56
HSL	49°, 8%, 40%
HSV	49°, 15%, 44%
XYZ	13.9385, 14.9128, 12.7335
YIQ	107.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

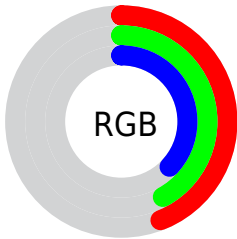
Format	Color
R_{YB}	98, 111, 94
Decimal	7302238
CIE _{Lab}	45.51, -1.48, 8.25
CIE _{LCh}	46, 8.386, 100.149
Yxy	14.9128, 0.3352, 0.3586
Android (android.graphics.Color)	4285492318 (0xFF6F6C5E)
YUV	107.3010, -6.5574, 3.2440
Hunter-Lab	38.6171, -3.1519, 7.4818

Details

The XYZ color **13.9385, 14.9128, 12.7335** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7600, 12.0765, 16.7502**, and the grayscale version is **14.0755, 14.8085, 16.1264**.

A 20% lighter version of the original color is **32.5364, 34.5964, 31.3485**, and **4.2521, 4.6076, 3.4616** is the 20% darker color. If you saturate the color by 10%, you get **13.2719, 14.3200, 10.2281**, and if you desaturate by 10%, it is **14.6822, 15.5448, 15.6184**.

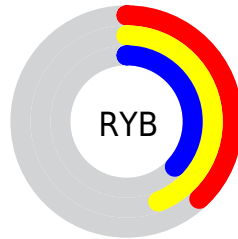
Distribution



Red (44%)

Green (42%)

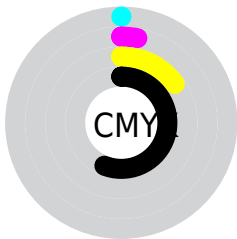
Blue (37%)



Red (38%)

Yellow (44%)

Blue (37%)

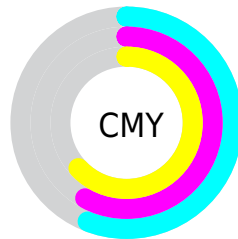


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9385, 14.9128, 12.7335 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 13.9385, 14.9128, 12.7335 by changing the saturation by 10% instead.

■ 13.9385, 14.9128,
12.7335

■ 13.9385, 14.9128,
12.7335

210.3662,
222.8378, 220.3501

■ 8.1593, 8.7582,
7.1167

■ 32.5670, 34.7001,
31.5083

■ 4.2497, 4.5838,
3.4557

■ 46.1471, 49.1017,
45.5034

■ 1.8444, 2.0052,
1.3317

■ 63.0582, 67.0210,
63.1284

■ 0.5442, 0.6105,
0.0876

■ 83.6656, 88.8424,
84.8018

■ 0.0000, 0.0000,
0.0000

108.3348,
114.9505, 110.9421

137.4310,

145.7294, 141.9679

171.3197,
181.5638, 178.2977

■ 13.9385, 14.9128,
12.7335

■ 13.9385, 14.9128,
12.7335

■ 13.2719, 14.3200,
10.2281

■ 14.6822, 15.5448,
15.6184

■ 12.6780, 13.7633,
8.0853

■ 15.5048, 16.2153,
18.8970

■ 12.1541, 13.2418,
6.2881

■ 16.4092, 16.9261,
22.5839

■ 11.6966, 12.7542,
4.8180

■ 17.3982, 17.6782,
26.6926

■ 11.3016, 12.2987,
3.6546

■ 18.4742, 18.4728,
31.2359

■ 10.9647, 11.8737,
2.7753

■ 19.6395, 19.3107,
36.2263

■ 10.6810, 11.4771,
2.1544

■ 20.8965, 20.1930,
41.6757

■ 10.4412, 11.1051,
1.7425

■ 22.2474, 21.1206,
47.5955

■ 10.3334, 10.9351,
1.5661

■ 23.6942, 22.0944,
53.9967

Harmonies

Analogous

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



14.6358, 14.9128, 12.8774



13.9385, 14.9128, 12.7335



13.3246, 14.9128, 13.4677

Triad

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



13.9385, 14.9128, 12.7335



13.1708, 14.9128, 18.8498



15.4772, 14.9128, 17.5809

Complementary

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



13.9385, 14.9128, 12.7335



11.7600, 12.0765, 16.7502

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.



15.0591, 14.9128, 19.3632



13.9385, 14.9128, 12.7335



13.7224, 14.9128, 20.1365

Square

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



13.9385, 14.9128, 12.7335



12.8911, 14.9128, 16.9257



14.4125, 14.9128, 20.3317



15.5397, 14.9128, 15.5682

Rectangle

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



13.9385, 14.9128, 12.7335



13.0394, 14.9128, 14.3948



14.4125, 14.9128, 20.3317



15.3729, 14.9128, 18.2311

Sweetspot

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



13.9389, 14.9135, 12.7338



26.3159, 27.8562, 28.0659



12.7215, 12.2504, 13.0321



6.3039, 6.6771, 6.6706



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.



13.9389, 14.9135, 12.7338



24.5660, 26.3602, 21.3050



13.6034, 15.2179, 12.8103



3.5943, 3.8211, 3.6214



12.1600, 12.8525, 1.8399



60.0114, 62.8979, 8.9776

Inverse Universe

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



11.7600, 12.0765, 16.7502



19.9540, 20.3556, 29.8071



12.0597, 11.8276, 16.6864



3.2608, 3.3869, 4.2361



3.6517, 1.8937, 17.8947



17.7290, 8.5098, 88.9873

Previews

White Background



This preview shows how the XYZ color 13.9385, 14.9128, 12.7335 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 13.9385, 14.9128, 12.7335 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

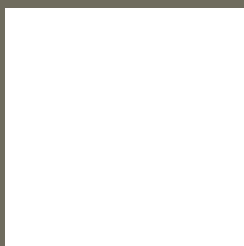
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9385, 14.9128, 12.7335

Background



This preview shows how black text looks on a background with the XYZ color 13.9385, 14.9128, 12.7335.



This preview shows how white text looks on a background with the XYZ color 13.9385, 14.9128,

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

13.9385, 14.9128, 12.7335

Protanopia

14.0881, 14.8343, 12.7104

Deuteranopia

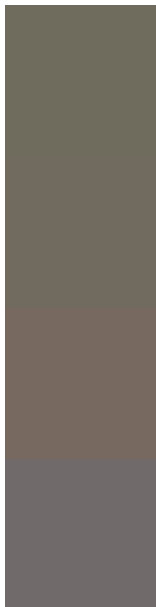
15.1843, 14.9378, 12.9095



Tritanopia

14.9716, 14.8728, 17.7044

Trichromacy



Original Color

13.9385, 14.9128, 12.7335

Protanomaly

13.9602, 14.7683, 12.7045

Deuteranomaly

14.7249, 14.8513, 12.9170

Tritanomaly

14.5656, 14.8594, 15.7361

Monochromacy



Original Color

13.9385, 14.9128, 12.7335

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8403, 14.6628, 14.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9385, 14.9128, 12.7335 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, 108, 94)` looks like.

```
.text, #text, p{  
    color:rgb(111, 108, 94)  
}
```

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, 108, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 108, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.9385, 14.9128, 12.7335 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, 108, 94) }
```


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

```
.border{ border-color:rgb(111, 108, 94) }
```

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

Here you see how a box with a 4 pixel rgb(111, 108, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 108, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 108, 94);  
box-shadow:4px 4px 4px 4px rgb(111, 108,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9385, 14.9128, 12.7335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 108, 94) }
```

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

```
.background{ background-color: rgb(111,  
108, 94) }
```

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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