

Converting Colors

XYZ(13.7850, 14.8067, 13.0425)

Have a look what the booklet for
XYZ(13.7850, 14.8067, 13.0425)
contains.

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Color

**XYZ(13.7348, 14.8026,
12.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6C5F
RGB	109, 108, 95
RGB Percent	43%, 42%, 37%
CMY	0.5725, 0.5765, 0.6274
CMYK	0.00, 0.01, 0.13, 0.57
HSL	56°, 7%, 40%
HSV	56°, 13%, 43%
XYZ	13.7348, 14.8026, 12.9598
YIQ	106.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

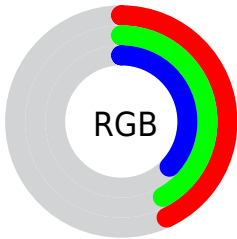
Format	Color
RYB	96, 109, 95
Decimal	7171167
CIELab	45.36, -2.11, 7.42
CIELCh	45, 7.712, 105.907
Yxy	14.8026, 0.3310, 0.3567
Android (android.graphics.Color)	4285361247 (0xFF6D6C5F)
YUV	106.8170, -5.8258, 1.9145
Hunter-Lab	38.4741, -3.6074, 6.9604

Details

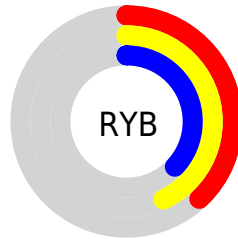
The XYZ color **13.7348, 14.8026, 12.9598** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6625, 11.9025, 16.1508**, and the grayscale version is **13.9395, 14.6654, 15.9707**.

A 20% lighter version of the original color is **32.2069, 34.4177, 31.7339**, and **4.1476, 4.5513, 3.5656** is the 20% darker color. If you saturate the color by 10%, you get **13.1923, 14.4556, 10.5032**, and if you desaturate by 10%, it is **14.3482, 15.1801, 15.7825**.

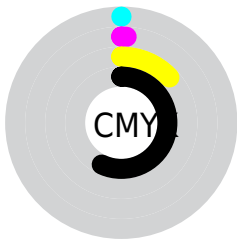
Distribution



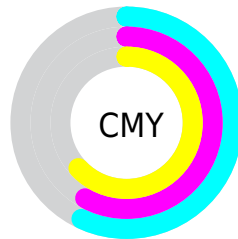
- Red (43%)
- Green (42%)
- Blue (37%)



- Red (38%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (57%)



- Cyan (57%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7348, 14.8026, 12.9598 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 13.7348, 14.8026, 12.9598 by changing the saturation by 10% instead.

■ 13.7348, 14.8026,
12.9598

■ 13.7348, 14.8026,
12.9598

209.1185,
222.1683, 221.8586

■ 8.0169, 8.6810,
7.2705

■ 32.2079, 34.5065,
31.9217

■ 4.1577, 4.5337,
3.5508

■ 45.6939, 48.8576,
46.0313

■ 1.7917, 1.9763,
1.3823

■ 62.4999, 66.7206,
63.7848

■ 0.5127, 0.5937,
0.1279

■ 82.9914, 88.4799,
85.6006

■ 0.0000, 0.0000,
0.0000

107.5336,
114.5199, 111.8974

136.4920,

145.2251, 143.0936

170.2318,
180.9797, 179.6079

■ 13.7348, 14.8026,
12.9598

■ 13.7348, 14.8026,
12.9598

■ 13.1923, 14.4556,
10.5032

■ 14.3482, 15.1801,
15.7825

■ 12.7166, 14.1361,
8.3966

■ 15.0340, 15.5872,
18.9846

■ 12.3050, 13.8434,
6.6243

■ 15.7952, 16.0256,
22.5798

■ 11.9543, 13.5761,
5.1689

■ 16.6341, 16.4962,
26.5810

■ 11.6608, 13.3329,
4.0114

■ 17.5531, 17.0002,
31.0002

■ 11.4206, 13.1122,
3.1307

■ 18.5544, 17.5382,
35.8493

■ 11.2292, 12.9121,
2.5032

■ 19.6402, 18.1111,
41.1394

■ 11.0804, 12.7303,
2.0972

■ 20.8125, 18.7199,
46.8815

■ 10.9834, 12.6046,
1.8540

■ 22.0733, 19.3653,
53.0858

Harmonies

Analogous

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



14.3712, 14.8026, 12.9348



13.7348, 14.8026, 12.9598



13.2039, 14.8026, 13.7872

Triad

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



13.7348, 14.8026, 12.9598



13.2303, 14.8026, 18.7839



15.2972, 14.8026, 16.9911

Complementary

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



13.7348, 14.8026, 12.9598



11.6625, 11.9025, 16.1508

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.



14.9720, 14.8026, 18.6967



13.7348, 14.8026, 12.9598



13.7719, 14.8026, 19.7836

Square

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



13.7348, 14.8026, 12.9598



12.9187, 14.8026, 17.1030



14.4094, 14.8026, 19.7505



15.2866, 14.8026, 15.1706

Rectangle

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



13.7348, 14.8026, 12.9598



12.9755, 14.8026, 14.7210



14.4094, 14.8026, 19.7505



15.2231, 14.8026, 17.5997

Sweetspot

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



13.7352, 14.8033, 12.9601



25.5464, 27.0937, 27.5832



12.5181, 12.2835, 12.8180



5.9287, 6.2951, 6.3443



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.7352, 14.8033, 12.9601



24.3330, 26.3424, 22.0137



13.1470, 14.6570, 12.9629



3.3156, 3.5485, 3.3276



12.8393, 14.7283, 2.1661



65.1552, 74.5141, 10.9486

Inverse Universe

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



11.6625, 11.9025, 16.1508



19.9526, 20.2121, 28.7569



12.2009, 12.0459, 16.1501



2.9642, 3.0566, 3.8686



3.3192, 1.4728, 17.0316



16.6582, 6.9949, 86.6984

Previews

White Background



This preview shows how the XYZ color 13.7348, 14.8026, 12.9598 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 13.7348, 14.8026, 12.9598 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

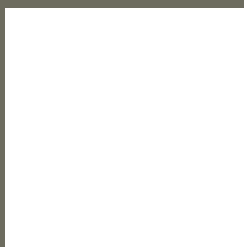
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7348, 14.8026, 12.9598

Background



This preview shows how black text looks on a background with the XYZ color 13.7348, 14.8026, 12.9598.



This preview shows how white text looks on a background with the XYZ color 13.7348, 14.8026,

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

13.7348, 14.8026, 12.9598

Protanopia

13.9602, 14.7683, 12.7045

Deuteranopia

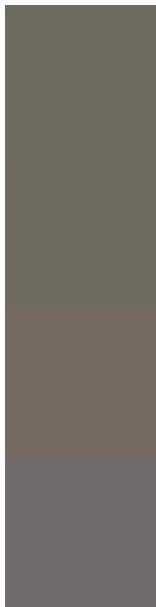
14.9876, 14.6826, 13.1104



Tritanopia

14.7709, 14.7628, 17.9906

Trichromacy



Original Color

13.7348, 14.8026, 12.9598

Protanomaly

13.8336, 14.7030, 12.6985

Deuteranomaly

14.4990, 14.7296, 13.1452

Tritanomaly

14.3634, 14.7491, 15.9997

Monochromacy



Original Color

13.7348, 14.8026, 12.9598

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8902, 14.6828, 14.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7348, 14.8026, 12.9598 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(109, 108, 95)` looks like.

```
.text, #text, p{  
    color:rgb(109, 108, 95)  
}
```

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(109, 108, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 108, 95) }
```

Border

The CSS property to change the border of an element to XYZ 13.7348, 14.8026, 12.9598 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(109, 108, 95) }
```


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

```
.border{ border-color:rgb(109, 108, 95) }
```

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

Here you see how a box with a 4 pixel rgb(109, 108, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 108, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 108, 95);  
box-shadow:4px 4px 4px 4px rgb(109, 108,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7348, 14.8026, 12.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 108, 95) }
```

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

```
.background{ background-color: rgb(109,  
108, 95) }
```

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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