

Converting Colors

XYZ(13.7510, 13.4398, 14.1827)

Have a look what the booklet for
XYZ(13.7510, 13.4398, 14.1827)
contains.

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Color

**XYZ(13.7502, 13.4407,
14.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	726365
RGB	114, 99, 101
RGB Percent	45%, 39%, 40%
CMY	0.5529, 0.6118, 0.6039
CMYK	0.00, 0.13, 0.11, 0.55
HSL	352°, 7%, 42%
HSV	352°, 13%, 45%
XYZ	13.7502, 13.4407, 14.1815
YIQ	103.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

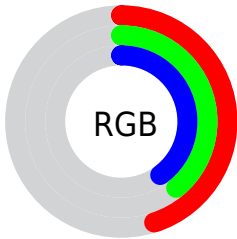
Format	Color
R_{YB}	114, 99, 101
Decimal	7496549
CIE _{Lab}	43.42, 6.36, 1.07
CIE _{LCh}	43, 6.447, 9.539
Yxy	13.4407, 0.3324, 0.3249
Android (android.graphics.Color)	4285686629 (0xFF726365)
YUV	103.7130, -1.3375, 9.0217
Hunter-Lab	36.6616, 2.7901, 2.7284

Details

The XYZ color **13.7502, 13.4407, 14.1815** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0880, 15.8574, 17.6483**, and the grayscale version is **13.0837, 13.7650, 14.9901**.

A 20% lighter version of the original color is **32.2997, 32.1867, 34.2160**, and **4.1406, 3.8806, 4.0208** is the 20% darker color. If you saturate the color by 10%, you get **12.2901, 11.2493, 11.4480**, and if you desaturate by 10%, it is **15.4217, 15.9616, 17.2730**.

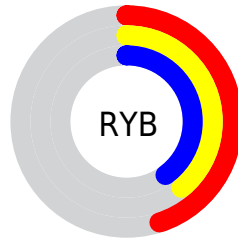
Distribution



Red (45%)

Green (39%)

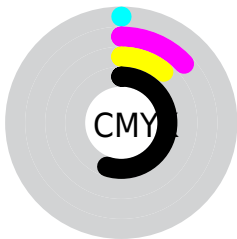
Blue (40%)



Red (45%)

Yellow (39%)

Blue (40%)

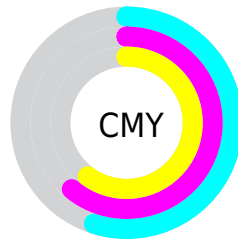


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7502, 13.4407, 14.1815 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 13.7502, 13.4407, 14.1815 by changing the saturation by 10% instead.

■ 13.7502, 13.4407,
14.1815

■ 13.7502, 13.4407,
14.1815

209.2131,
213.7231, 229.8246

■ 8.0277, 7.7327,
8.1068

■ 32.2351, 32.0933,
34.1325

■ 4.1646, 3.9244,
4.0746

■ 45.7282, 45.8067,
48.8459

■ 1.7957, 1.6314,
1.6664

■ 62.5422, 62.9573,
67.2759

■ 0.5151, 0.3786,
0.3375

■ 83.0425, 83.9296,
89.8411

■ 0.0000, 0.0000,
0.0000

107.5943,
109.1079, 116.9600

136.5631,

138.8767, 149.0512

170.3143,
173.6203, 186.5332

■ 13.7502, 13.4407,
14.1815

■ 13.7502, 13.4407,
14.1815

■ 12.2901, 11.2493,
11.4480

■ 15.4217, 15.9616,
17.2730

■ 11.0320, 9.3720,
9.0589

■ 17.3116, 18.8229,
20.7341

■ 9.9672, 7.7950,
7.0005

■ 19.4276, 22.0373,
24.5766

■ 9.0861, 6.5026,
5.2584

■ 21.7769, 25.6162,
28.8119

■ 8.3782, 5.4778,
3.8167

■ 24.3664, 29.5706,
33.4505

■ 7.8319, 4.7019,
2.6582

■ 27.2027, 33.9111,
38.5028

■ 7.4342, 4.1534,
1.7642

■ 30.2921, 38.6476,
43.9787

■ 7.1684, 3.8045,
1.1129

■ 33.6406, 43.7899,
49.8879

■ 7.0270, 3.6124,
0.7857

■ 37.2542, 49.3474,
56.2395

Harmonies

Analogous

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



13.7003, 13.4407, 15.6219



13.7502, 13.4407, 14.1815



13.5335, 13.4407, 12.9452

Triad

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



13.7502, 13.4407, 14.1815



12.1706, 13.4407, 12.6056



12.4407, 13.4407, 17.3789

Complementary

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



13.7502, 13.4407, 14.1815



14.0880, 15.8574, 17.6483

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.



12.0453, 13.4407, 16.4650



13.7502, 13.4407, 14.1815



11.8923, 13.4407, 13.6899

Square

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



13.7502, 13.4407, 14.1815



12.6158, 13.4407, 12.0755



11.8470, 13.4407, 15.0973



12.9355, 13.4407, 17.5320

Rectangle

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



13.7502, 13.4407, 14.1815



13.2703, 13.4407, 12.3799



11.8470, 13.4407, 15.0973



12.2921, 13.4407, 17.1478

Sweetspot

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



13.7506, 13.4413, 14.1818



26.8059, 27.6041, 29.8114



14.1816, 13.5840, 17.7941



6.1553, 6.3175, 6.8134



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.



13.7506, 13.4413, 14.1818



23.2880, 22.3035, 23.2891



14.1927, 14.4803, 13.8521



3.4009, 3.4081, 3.6380



7.8182, 4.0197, 0.8526



38.7551, 19.9474, 3.2424

Inverse Universe

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



13.7506, 13.4413, 14.1818



23.2880, 22.3035, 23.2891



13.5988, 14.6989, 18.0400



3.4009, 3.4081, 3.6380



7.8182, 4.0197, 0.8526



38.7551, 19.9474, 3.2424

Previews

White Background



This preview shows how the XYZ color 13.7502, 13.4407, 14.1815 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 13.7502, 13.4407, 14.1815 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 13.7502, 13.4407, 14.1815

Background



This preview shows how black text looks on a background with the XYZ color 13.7502, 13.4407, 14.1815.

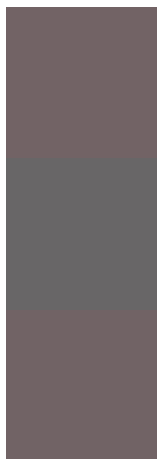


This preview shows how white text looks on a background with the XYZ color 13.7502, 13.4407,

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

13.7502, 13.4407, 14.1815

Protanopia

12.9085, 13.4251, 14.7429

Deuteranopia

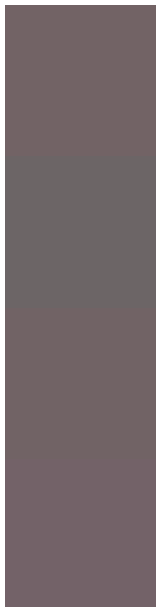
13.6209, 13.3740, 14.1755



Tritanopia

14.0394, 13.4208, 15.4862

Trichromacy



Original Color

13.7502, 13.4407, 14.1815

Protanomaly

13.2363, 13.4548, 14.4698

Deuteranomaly

13.6209, 13.3740, 14.1755

Tritanomaly

13.9366, 13.3797, 14.9447

Monochromacy



Original Color

13.7502, 13.4407, 14.1815

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3839, 13.6702, 14.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7502, 13.4407, 14.1815 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(114, 99, 101)` looks like.

```
.text, #text, p{  
    color:rgb(114, 99, 101)  
}
```

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(114, 99, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 99, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.7502, 13.4407, 14.1815 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(114, 99, 101) }
```


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

```
.border{ border-color:rgb(114, 99, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 99, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 99, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 99, 101);  
box-shadow:4px 4px 4px 4px rgb(114, 99,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7502, 13.4407, 14.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 99, 101) }
```

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

```
.background{ background-color: rgb(114, 99,  
101) }
```

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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