

Converting Colors

XYZ(14.6712, 13.1578, 15.8606)

Have a look what the booklet for
XYZ(14.6712, 13.1578, 15.8606)
contains.

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Color

**XYZ(14.7355, 13.2257,
15.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5E6C
RGB	122, 94, 108
RGB Percent	48%, 37%, 42%
CMY	0.5216, 0.6314, 0.5765
CMYK	0.00, 0.23, 0.11, 0.52
HSL	330°, 13%, 42%
HSV	330°, 23%, 48%
XYZ	14.7355, 13.2257, 15.9635
YIQ	103.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

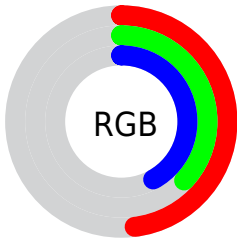
Format	Color
R_{YB}	122, 94, 108
Decimal	8019564
CIE _{Lab}	43.10, 13.86, -3.56
CIE _{LCh}	43, 14.307, 345.589
Yxy	13.2257, 0.3355, 0.3011
Android (android.graphics.Color)	4286209644 (0xFF7A5E6C)
YUV	103.9680, 1.9878, 15.8141
Hunter-Lab	36.3672, 8.6834, -0.5686

Details

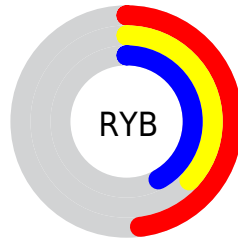
The XYZ color **14.7355, 13.2257, 15.9635** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2829, 17.3818, 16.7904**, and the grayscale version is **13.1424, 13.8269, 15.0574**.

A 20% lighter version of the original color is **34.0626, 31.8680, 37.1567**, and **4.6469, 3.8673, 4.9164** is the 20% darker color. If you saturate the color by 10%, you get **13.4219, 11.0999, 13.9795**, and if you desaturate by 10%, it is **16.2441, 15.7048, 18.1250**.

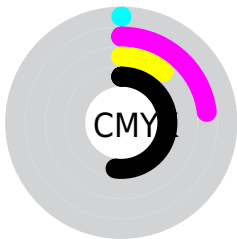
Distribution



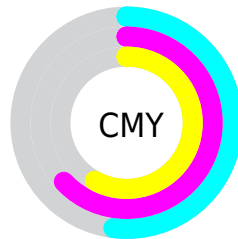
- Red (48%)
- Green (37%)
- Blue (42%)



- Red (48%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7355, 13.2257, 15.9635 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 14.7355, 13.2257, 15.9635 by changing the saturation by 10% instead.

■ 14.7355, 13.2257,
15.9635

■ 14.7355, 13.2257,
15.9635

215.1799,
212.3591, 240.9646

■ 8.7191, 7.5841,
9.3443

■ 33.9640, 31.7087,
37.3007

■ 4.6140, 3.8300,
4.8665

■ 47.9067, 45.3189,
52.8558

■ 2.0550, 1.5789,
2.1118

■ 65.2223, 62.3541,
72.2266

■ 0.6646, 0.3433,
0.6228

■ 86.2761, 83.1987,
95.8316

■ 0.0000, 0.0000,
0.0000

111.4333,
108.2371, 124.0893

141.0595,

137.8537, 157.4184

175.5199,
172.4329, 196.2373

■ 14.7355, 13.2257,
15.9635

■ 14.7355, 13.2257,
15.9635

■ 13.4219, 11.0999,
13.9795

■ 16.2441, 15.7048,
18.1250

■ 12.2936, 9.3093,
12.1669

■ 17.9545, 18.5506,
20.4679

■ 11.3419, 7.8369,
10.5207

■ 19.8746, 21.7780,
22.9971

■ 10.5568, 6.6637,
9.0351

■ 22.0115, 25.4005,
25.7172

■ 9.9272, 5.7684,
7.7039

■ 24.3720, 29.4310,
28.6325

■ 9.4408, 5.1268,
6.5203

■ 26.9624, 33.8817,
31.7469

■ 9.0822, 4.7095,
5.4765

■ 29.7891, 38.7645,
35.0647

■ 8.8683, 4.4745,
4.8104

■ 32.8579, 44.0906,
38.5896

■ 36.1747, 49.8709,
42.3254

Harmonies

Analogous

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



14.1450, 13.2257, 19.0759



14.7355, 13.2257, 15.9635



14.7230, 13.2257, 12.8313

Triad

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



14.7355, 13.2257, 15.9635



12.0100, 13.2257, 9.3126



11.1460, 13.2257, 19.1824

Complementary

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



14.7355, 13.2257, 15.9635



14.2829, 17.3818, 16.7904

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.



10.6390, 13.2257, 16.0928



14.7355, 13.2257, 15.9635



11.1176, 13.2257, 10.5592

Square

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



14.7355, 13.2257, 15.9635



13.1051, 13.2257, 9.2885



10.6289, 13.2257, 12.9431



12.0509, 13.2257, 21.1103

Rectangle

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



14.7355, 13.2257, 15.9635



14.3728, 13.2257, 11.1512



10.6289, 13.2257, 12.9431



10.9258, 13.2257, 18.2267

Sweetspot

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



14.7359, 13.2263, 15.9638



30.2731, 30.4425, 34.2298



13.7004, 12.5994, 20.1223



6.8938, 6.9138, 7.7882



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7359, 13.2263, 15.9638



24.5600, 21.0526, 26.0483



14.0496, 12.9518, 12.3499



4.0741, 4.0454, 4.5878



9.3326, 4.7092, 5.0424



44.0878, 22.2915, 21.7902

Inverse Universe

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



14.7359, 13.2263, 15.9638



24.5600, 21.0526, 26.0483



15.0889, 17.7042, 21.0345



4.0741, 4.0454, 4.5878



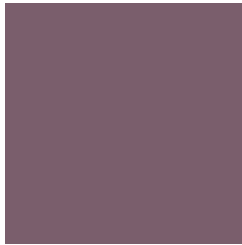
9.3326, 4.7092, 5.0424



44.0878, 22.2915, 21.7902

Previews

White Background



This preview shows how the XYZ color 14.7355, 13.2257, 15.9635 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 14.7355, 13.2257, 15.9635 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 14.7355, 13.2257, 15.9635

Background



This preview shows how black text looks on a background with the XYZ color 14.7355, 13.2257, 15.9635.



This preview shows how white text looks on a background with the XYZ color 14.7355, 13.2257,

15.9635.

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

14.7355, 13.2257, 15.9635

Protanopia

12.9451, 13.2439, 17.2033

Deuteranopia

13.5461, 13.3002, 15.7632



Tritanopia

14.3756, 13.2087, 14.3622

Trichromacy



Original Color

14.7355, 13.2257, 15.9635

Protanomaly

13.5436, 13.1343, 16.8603

Deuteranomaly

13.8680, 13.1883, 15.7246

Tritanomaly

14.4761, 13.2488, 14.8910

Monochromacy



Original Color

14.7355, 13.2257, 15.9635

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6625, 13.5138, 15.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7355, 13.2257, 15.9635 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(122, 94, 108)` looks like.

```
.text, #text, p{  
    color:rgb(122, 94, 108)  
}
```

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(122, 94, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.7355, 13.2257, 15.9635 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(122, 94, 108) }
```


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

```
.border{ border-color:rgb(122, 94, 108) }
```

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

Here you see how a box with a 4 pixel rgb(122, 94, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 94, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 94, 108);  
box-shadow:4px 4px 4px 4px rgb(122, 94,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7355, 13.2257, 15.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 94, 108) }
```

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

```
.background{ background-color: rgb(122, 94,  
108) }
```

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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