

Converting Colors

XYZ(14.0762, 15.8002, 12.9531)

Have a look what the booklet for
XYZ(14.0762, 15.8002, 12.9531)
contains.

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Color

**XYZ(14.1098, 15.8066,
12.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	6C715E
RGB	108, 113, 94
RGB Percent	42%, 44%, 37%
CMY	0.5765, 0.5568, 0.6314
CMYK	0.04, 0.00, 0.17, 0.56
HSL	76°, 9%, 41%
HSV	76°, 17%, 44%
XYZ	14.1098, 15.8066, 12.8970
YIQ	109.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

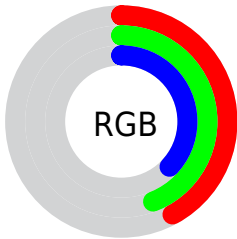
Format	Color
R_{YB}	94, 113, 99
Decimal	7106910
CIE Lab	46.72, -5.60, 9.92
CIE LCh	47, 11.386, 119.441
Yxy	15.8066, 0.3296, 0.3692
Android (android.graphics.Color)	4285296990 (0xFF6C715E)
YUV	109.3390, -7.5621, -1.1743
Hunter-Lab	39.7575, -6.2266, 8.5971

Details

The XYZ color **14.1098, 15.8066, 12.8970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1297, 11.8508, 17.2719**, and the grayscale version is **14.6527, 15.4158, 16.7878**.

A 20% lighter version of the original color is **32.9864, 36.3975, 31.6724**, and **4.2873, 4.9547, 3.5267** is the 20% darker color. If you saturate the color by 10%, you get **13.2838, 15.4356, 10.4024**, and if you desaturate by 10%, it is **15.0233, 16.2150, 15.7840**.

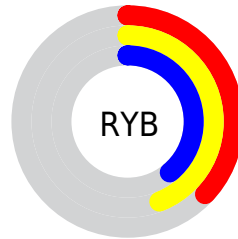
Distribution



Red (42%)

Green (44%)

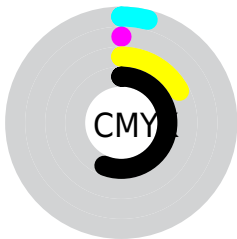
Blue (37%)



Red (37%)

Yellow (44%)

Blue (39%)

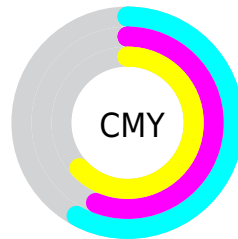


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1098, 15.8066, 12.8970 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 14.1098, 15.8066, 12.8970 by changing the saturation by 10% instead.

■ 14.1098, 15.8066,
12.8970

■ 14.1098, 15.8066,
12.8970

211.4098,
228.1978, 221.4411

■ 8.2793, 9.3874,
7.2278

■ 32.8684, 36.2621,
31.8071

■ 4.3275, 4.9947,
3.5243

■ 46.5271, 51.0672,
45.8850

■ 1.8890, 2.2442,
1.3682

■ 63.5260, 69.4365,
63.6029

■ 0.5704, 0.7439,
0.1167

■ 84.2304, 91.7542,
85.3794

■ 0.0000, 0.0000,
0.0000

109.0056,
118.4048, 111.6329

138.2170,

149.7726, 142.7819

172.2299,
186.2422, 179.2452

■ 14.1098, 15.8066,
12.8970

■ 14.1098, 15.8066,
12.8970

■ 13.2838, 15.4356,
10.4024

■ 15.0233, 16.2150,
15.7840

■ 12.5407, 15.0987,
8.2822

■ 16.0260, 16.6601,
19.0782

■ 11.8773, 14.7951,
6.5186

■ 17.1216, 17.1437,
22.7950

■ 11.2898, 14.5231,
5.0918

■ 18.3127, 17.6671,
26.9486

■ 10.7738, 14.2812,
3.9804

■ 19.6020, 18.2312,
31.5527

■ 10.3248, 14.0675,
3.1601

■ 20.9922, 18.8371,
36.6202

■ 9.9374, 13.8796,
2.6034

■ 22.4856, 19.4859,
42.1637

■ 9.5988, 13.7127,
2.2442

■ 24.0848, 20.1784,
48.1950

■ 9.4946, 13.6613,
2.1365

■ 25.7920, 20.9157,
54.7259

Harmonies

Analogous

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



15.0422, 15.8066, 12.3266



14.1098, 15.8066, 12.8970



13.4476, 15.8066, 14.5919

Triad

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



14.1098, 15.8066, 12.8970



14.0791, 15.8066, 22.3296



17.0030, 15.8066, 17.2638

Complementary

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



14.1098, 15.8066, 12.8970



12.1297, 11.8508, 17.2719

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.



16.7184, 15.8066, 20.1254



14.1098, 15.8066, 12.8970



15.0052, 15.8066, 23.2396

Square

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



14.1098, 15.8066, 12.8970



13.4304, 15.8066, 20.0237



15.9762, 15.8066, 22.3927



16.7383, 15.8066, 14.6743

Rectangle

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



14.1098, 15.8066, 12.8970



13.2337, 15.8066, 16.2336



15.9762, 15.8066, 22.3927



16.9682, 15.8066, 18.2263

Sweetspot

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



14.1102, 15.8073, 12.8973



27.1908, 29.1635, 29.2026



13.2693, 13.1958, 12.4376



6.2668, 6.7349, 6.6838



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.



14.1102, 15.8073, 12.8973



24.6972, 28.0492, 21.3518



13.0444, 15.2578, 12.8475



3.5603, 3.8742, 3.6335



10.7505, 15.4858, 2.4224



52.7107, 76.7074, 12.0279

Inverse Universe

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



12.1297, 11.8508, 17.2719



20.4738, 19.6112, 30.6817



13.1987, 12.4019, 17.3219



3.2924, 3.3390, 4.2252



3.9631, 1.6525, 17.8317



19.0313, 7.8654, 88.7942

Previews

White Background



This preview shows how the XYZ color 14.1098, 15.8066, 12.8970 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 14.1098, 15.8066, 12.8970 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

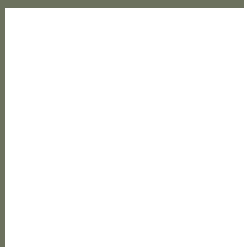
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1098, 15.8066, 12.8970

Background



This preview shows how black text looks on a background with the XYZ color 14.1098, 15.8066, 12.8970.



This preview shows how white text looks on a background with the XYZ color 14.1098, 15.8066,

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

14.1098, 15.8066, 12.8970

Protanopia

14.8878, 15.7241, 12.6063

Deuteranopia

15.9720, 15.6463, 13.0047



Tritanopia

15.4015, 15.8394, 19.3851

Trichromacy



Original Color

14.1098, 15.8066, 12.8970

Protanomaly

14.5997, 15.7366, 12.6239

Deuteranomaly

15.2799, 15.7566, 13.0625

Tritanomaly

14.8752, 15.7880, 16.7314

Monochromacy



Original Color

14.1098, 15.8066, 12.8970

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3813, 15.4025, 15.3117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1098, 15.8066, 12.8970 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(108, 113, 94)` looks like.

```
.text, #text, p{  
    color:rgb(108, 113, 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(108, 113, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 113, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.1098, 15.8066, 12.8970 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(108, 113, 94) }
```


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

```
.border{ border-color:rgb(108, 113, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 113, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 113, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 113, 94);  
box-shadow:4px 4px 4px 4px rgb(108, 113,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1098, 15.8066, 12.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 113, 94) }
```

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

```
.background{ background-color: rgb(108,  
113, 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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