

Converting Colors

XYZ(14.1284, 14.8011, 13.5728)

Have a look what the booklet for
XYZ(14.1284, 14.8011, 13.5728)
contains.

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Color

**XYZ(14.1444, 14.8420,
13.6746)**

Conversions

Conversions Part 1

Format	Color
Hex	706B62
RGB	112, 107, 98
RGB Percent	44%, 42%, 38%
CMY	0.5608, 0.5804, 0.6157
CMYK	0.00, 0.04, 0.12, 0.56
HSL	39°, 7%, 41%
HSV	39°, 12%, 44%
XYZ	14.1444, 14.8420, 13.6746
YIQ	107.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

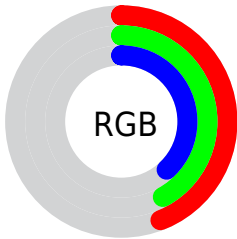
Format	Color
RYB	106, 112, 98
Decimal	7367522
CIELab	45.42, 0.23, 5.73
CIELCh	45, 5.739, 87.658
Yxy	14.8420, 0.3316, 0.3479
Android (android.graphics.Color)	4285557602 (0xFF706B62)
YUV	107.4690, -4.6682, 3.9737
Hunter-Lab	38.5253, -1.8838, 5.9227

Details

The XYZ color **14.1444, 14.8420, 13.6746** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8118, 13.4667, 17.2534**, and the grayscale version is **14.1173, 14.8525, 16.1743**.

A 20% lighter version of the original color is **32.9615, 34.5162, 33.3588**, and **4.3500, 4.5696, 3.9016** is the 20% darker color. If you saturate the color by 10%, you get **13.2451, 13.8311, 10.9458**, and if you desaturate by 10%, it is **15.1379, 15.9224, 16.8003**.

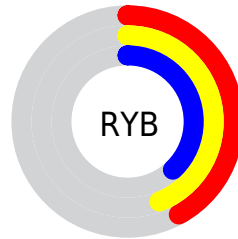
Distribution



Red (44%)

Green (42%)

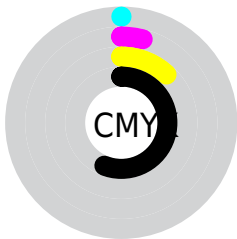
Blue (38%)



Red (42%)

Yellow (44%)

Blue (38%)

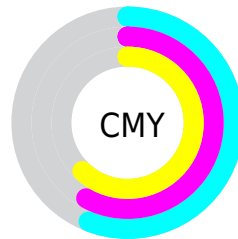


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1444, 14.8420, 13.6746 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 14.1444, 14.8420, 13.6746 by changing the saturation by 10% instead.

■ 14.1444, 14.8420,
13.6746

■ 14.1444, 14.8420,
13.6746

211.6200,
222.4079, 226.5546

■ 8.3035, 8.7086,
7.7585

■ 32.9292, 34.5758,
33.2193

■ 4.3432, 4.5516,
3.8553

■ 46.6038, 48.9449,
47.6850

■ 1.8981, 1.9866,
1.5463

■ 63.6203, 66.8280,
65.8377

■ 0.5757, 0.5997,
0.2521

■ 84.3442, 88.6096,
88.0959

■ 0.0000, 0.0000,
0.0000

109.1408,
114.6740, 114.8782

138.3753,

145.4055, 146.6030

172.4133,
181.1887, 183.6890

■ 14.1444, 14.8420,
13.6746

■ 14.1444, 14.8420,
13.6746

■ 13.2451, 13.8311,
10.9458

■ 15.1379, 15.9224,
16.8003

■ 12.4353, 12.8860,
8.5968

■ 16.2273, 17.0719,
20.3371

■ 11.7120, 12.0055,
6.6105

■ 17.4162, 18.2928,
24.2999

■ 11.0714, 11.1877,
4.9683

■ 18.7074, 19.5867,
28.7023

■ 10.5093, 10.4304,
3.6499

■ 20.1035, 20.9549,
33.5575

■ 10.0212, 9.7314,
2.6328

■ 21.6072, 22.3990,
38.8780

■ 9.6021, 9.0882,
1.8914

■ 23.2209, 23.9203,
44.6760

■ 9.2455, 8.4978,
1.3942

■ 24.9471, 25.5201,
50.9629

■ 9.0008, 8.0820,
1.0856

■ 26.7882, 27.1997,
57.7501

Harmonies

Analogous

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



14.6034, 14.8420, 14.0405



14.1444, 14.8420, 13.6746



13.6853, 14.8420, 13.9430

Triad

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



14.1444, 14.8420, 13.6746



13.3097, 14.8420, 17.4111



14.8963, 14.8420, 17.6073

Complementary

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



14.1444, 14.8420, 13.6746



12.8118, 13.4667, 17.2534

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.



14.5371, 14.8420, 18.6013



14.1444, 14.8420, 13.6746



13.6217, 14.8420, 18.4836

Square

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



14.1444, 14.8420, 13.6746



13.2099, 14.8420, 16.0533



14.0694, 14.8420, 18.9306



15.0436, 14.8420, 16.2680

Rectangle

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



14.1444, 14.8420, 13.6746



13.4395, 14.8420, 14.4544



14.0694, 14.8420, 18.9306



14.7960, 14.8420, 17.9957

Sweetspot

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



14.1448, 14.8427, 13.6749



26.3020, 27.6588, 28.5844



13.5048, 13.1623, 14.6961



6.2920, 6.6159, 6.7816



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.



14.1448, 14.8427, 13.6749



24.3749, 25.5484, 22.5657



14.4459, 15.7939, 13.8427



3.5465, 3.7256, 3.6055



10.3835, 9.2995, 1.2477



50.8887, 44.6525, 5.9367

Inverse Universe

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



12.8118, 13.4667, 17.2534



21.5455, 22.6281, 30.1619



12.5333, 12.6072, 17.1022



3.3060, 3.4773, 4.2512



4.2371, 3.0644, 18.0898



20.3567, 13.7652, 89.8632

Previews

White Background



This preview shows how the XYZ color 14.1444, 14.8420, 13.6746 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 14.1444, 14.8420, 13.6746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

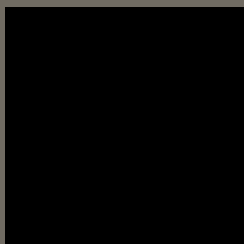
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1444, 14.8420, 13.6746

Background



This preview shows how black text looks on a background with the XYZ color 14.1444, 14.8420, 13.6746.



This preview shows how white text looks on a background with the XYZ color 14.1444, 14.8420,

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

14.1444, 14.8420, 13.6746

Protanopia

14.1444, 14.8420, 13.6746

Deuteranopia

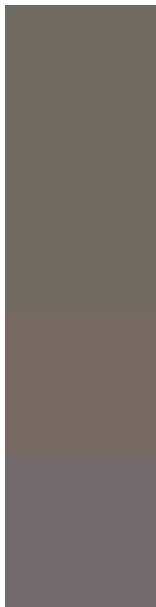
15.0876, 14.8664, 13.8787



Tritanopia

14.9716, 14.8728, 17.7044

Trichromacy



Original Color

14.1444, 14.8420, 13.6746

Protanomaly

14.1444, 14.8420, 13.6746

Deuteranomaly

14.7749, 14.8556, 13.8931

Tritanomaly

14.6709, 14.9015, 16.2904

Monochromacy



Original Color

14.1444, 14.8420, 13.6746

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0631, 14.7661, 15.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1444, 14.8420, 13.6746 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(112, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(112, 107, 98)  
}
```

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(112, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 107, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.1444, 14.8420, 13.6746 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(112, 107, 98) }
```


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

```
.border{ border-color:rgb(112, 107, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 107, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(112, 107,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1444, 14.8420, 13.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 107, 98) }
```

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

```
.background{ background-color: rgb(112,  
107, 98) }
```

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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