

Converting Colors

XYZ(14.4614, 15.7979, 12.3106)

Have a look what the booklet for
XYZ(14.4614, 15.7979, 12.3106)
contains.

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Color

**XYZ(14.5360, 15.8718,
12.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	71705C
RGB	113, 112, 92
RGB Percent	44%, 44%, 36%
CMY	0.5569, 0.5608, 0.6392
CMYK	0.00, 0.01, 0.19, 0.56
HSL	57°, 10%, 40%
HSV	57°, 19%, 44%
XYZ	14.5360, 15.8718, 12.4226
YIQ	110.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

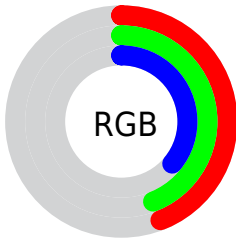
Format	Color
R_{YB}	93, 113, 92
Decimal	7434332
CIE Lab	46.81, -3.33, 11.28
CIE LCh	47, 11.765, 106.436
Yxy	15.8718, 0.3394, 0.3706
Android (android.graphics.Color)	4285624412 (0xFF71705C)
YUV	110.0190, -8.8834, 2.6143
Hunter-Lab	39.8394, -4.5907, 9.4000

Details

The XYZ color **14.5360, 15.8718, 12.4226** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3085, 11.2959, 17.2072**, and the grayscale version is **14.8501, 15.6235, 17.0140**.

A 20% lighter version of the original color is **33.6750, 36.5032, 30.8622**, and **4.5065, 4.9879, 3.3100** is the 20% darker color. If you saturate the color by 10%, you get **14.0196, 15.5713, 9.9925**, and if you desaturate by 10%, it is **15.1273, 16.2039, 15.2416**.

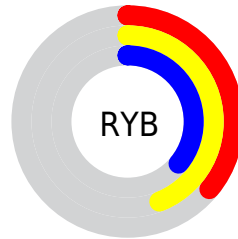
Distribution



Red (44%)

Green (44%)

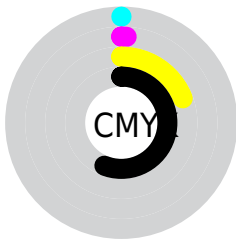
Blue (36%)



Red (36%)

Yellow (44%)

Blue (36%)

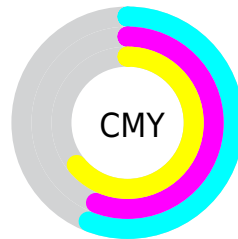


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5360, 15.8718, 12.4226 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 14.5360, 15.8718, 12.4226 by changing the saturation by 10% instead.

■ 14.5360, 15.8718,
12.4226

■ 14.5360, 15.8718,
12.4226

213.9848,
228.5840, 218.2596

■ 8.5786, 9.4335,
6.9062

■ 33.6155, 36.3755,
30.9383

■ 4.5222, 5.0250,
3.3259

■ 47.4683, 51.2097,
44.7747

■ 2.0016, 2.2619,
1.2634

■ 64.6835, 69.6112,
62.2214

■ 0.6349, 0.7534,
0.0315

■ 85.6267, 91.9646,
83.6970

■ 0.0000, 0.0000,
0.0000

110.6630,
118.6542, 109.6201

140.1579,

150.0644, 140.4092

174.4767,
186.5795, 176.4828

■ 14.5360, 15.8718,
12.4226

■ 14.5360, 15.8718,
12.4226

■ 14.0196, 15.5713,
9.9925

■ 15.1273, 16.2039,
15.2416

■ 13.5736, 15.2990,
7.9333

■ 15.7953, 16.5667,
18.4647

■ 13.1949, 15.0542,
6.2267

■ 16.5433, 16.9620,
22.1072

■ 12.8797, 14.8354,
4.8530

■ 17.3741, 17.3910,
26.1836

■ 12.6238, 14.6409,
3.7900

■ 18.2901, 17.8547,
30.7076

■ 12.4227, 14.4687,
3.0131

■ 19.2940, 18.3541,
35.6923

■ 12.2708, 14.3169,
2.4941

■ 20.3881, 18.8902,
41.1502

■ 12.1510, 14.1785,
2.1423

■ 21.5746, 19.4638,
47.0934

■ 12.1342, 14.1590,
2.0934

■ 22.8559, 20.0759,
53.5335

Harmonies

Analogous

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



15.5517, 15.8718, 12.3641



14.5360, 15.8718, 12.4226



13.7049, 15.8718, 13.6832

Triad

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



14.5360, 15.8718, 12.4226



13.7704, 15.8718, 21.6929



17.0795, 15.8718, 18.6367

Complementary

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



14.5360, 15.8718, 12.4226



11.3085, 11.2959, 17.2072

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.



16.5561, 15.8718, 21.4614



14.5360, 15.8718, 12.4226



14.6291, 15.8718, 23.3559

Square

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



14.5360, 15.8718, 12.4226



13.2768, 15.8718, 18.9249



15.6490, 15.8718, 23.2667



17.0518, 15.8718, 15.7365

Rectangle

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



14.5360, 15.8718, 12.4226



13.3538, 15.8718, 15.1263



15.6490, 15.8718, 23.2667



16.9612, 15.8718, 19.6327

Sweetspot

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



14.5364, 15.8725, 12.4229



27.3651, 29.1680, 28.6238



12.6153, 11.9564, 12.0106



6.3164, 6.7389, 6.5613



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.



14.5364, 15.8725, 12.4229



25.6437, 28.2001, 20.4207



13.4938, 15.4993, 12.4058



3.6290, 3.8904, 3.6330



13.7602, 16.0529, 2.3733



68.3632, 79.6017, 11.7615

Inverse Universe

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



11.3085, 11.2959, 17.2072



18.8058, 18.5053, 30.5562



12.2253, 11.6395, 17.2252



3.2292, 3.3236, 4.2255



3.4428, 1.4760, 17.8250



16.9710, 6.9938, 88.7346

Previews

White Background



This preview shows how the XYZ color 14.5360, 15.8718, 12.4226 looks on a white background.

Color Contrast Check

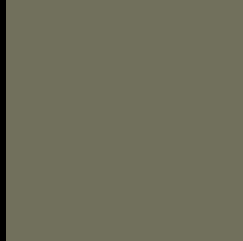
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5360, 15.8718, 12.4226 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 14.5360, 15.8718, 12.4226

Background



This preview shows how black text looks on a background with the XYZ color 14.5360, 15.8718, 12.4226.



This preview shows how white text looks on a background with the XYZ color 14.5360, 15.8718,

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

14.5360, 15.8718, 12.4226

Protanopia

14.9089, 15.9061, 12.1819

Deuteranopia

16.1356, 15.8949, 12.5735



Tritanopia

15.8820, 15.9346, 19.0682

Trichromacy



Original Color

14.5360, 15.8718, 12.4226

Protanomaly

14.7752, 15.8372, 12.1757

Deuteranomaly

15.6128, 15.9385, 12.6095

Tritanomaly

15.3529, 15.8794, 16.4432

Monochromacy



Original Color

14.5360, 15.8718, 12.4226

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6882, 15.7277, 15.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5360, 15.8718, 12.4226 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(113, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 92)  
}
```

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(113, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.5360, 15.8718, 12.4226 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(113, 112, 92) }
```


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

```
.border{ border-color:rgb(113, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5360, 15.8718, 12.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 92) }
```

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

```
.background{ background-color: rgb(113,  
112, 92) }
```

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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