

Converting Colors

XYZ(14.2574, 15.3345, 11.8812)

Have a look what the booklet for
XYZ(14.2574, 15.3345, 11.8812)
contains.

XYZ(14.3608, 15.4675, 11.9015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.3608, 15.4675,
11.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	726E5A
RGB	114, 110, 90
RGB Percent	45%, 43%, 35%
CMY	0.5529, 0.5686, 0.6471
CMYK	0.00, 0.04, 0.21, 0.55
HSL	50°, 12%, 40%
HSV	50°, 21%, 45%
XYZ	14.3608, 15.4675, 11.9015
YIQ	108.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

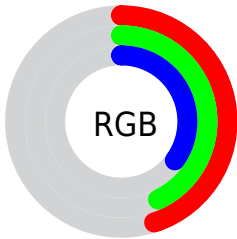
Format	Color
R_{YB}	95, 114, 90
Decimal	7499354
CIE _{Lab}	46.27, -2.09, 11.73
CIE _{LCh}	46, 11.917, 100.096
Yxy	15.4675, 0.3441, 0.3707
Android (android.graphics.Color)	4285689434 (0xFF726E5A)
YUV	108.9160, -9.3256, 4.4587
Hunter-Lab	39.3287, -3.6464, 9.5880

Details

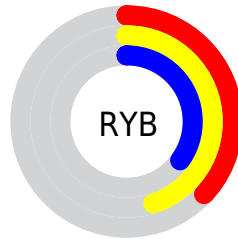
The XYZ color **14.3608, 15.4675, 11.9015** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2563, 11.3936, 17.5254**, and the grayscale version is **14.5362, 15.2932, 16.6543**.

A 20% lighter version of the original color is **33.2044, 35.4902, 29.9112**, and **4.4789, 4.8951, 3.0917** is the 20% darker color. If you saturate the color by 10%, you get **13.7098, 14.8834, 9.4714**, and if you desaturate by 10%, it is **15.0914, 16.0915, 14.7258**.

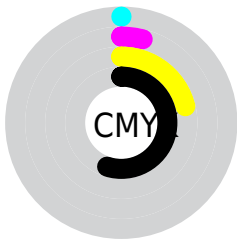
Distribution



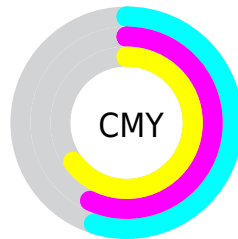
- Red (45%)
- Green (43%)
- Blue (35%)



- Red (37%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3608, 15.4675, 11.9015 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 14.3608, 15.4675, 11.9015 by changing the saturation by 10% instead.

■ 14.3608, 15.4675,
11.9015

■ 14.3608, 15.4675,
11.9015

212.9300,
226.1787, 214.7068

■ 8.4554, 9.1481,
6.5549

■ 33.3088, 35.6713,
29.9773

■ 4.4420, 4.8379,
3.1112

■ 47.0821, 50.3244,
43.5436

■ 1.9551, 2.1525,
1.1517

■ 64.2088, 68.5243,
60.6868

■ 0.6085, 0.6939,
0.0000

■ 85.0542, 90.6554,
81.8256

■ 0.0000, 0.0000,
0.0000

109.9836,
117.1019, 107.3785

139.3625,

148.2484, 137.7639

173.5562,
184.4792, 173.4005

■ 14.3608, 15.4675,
11.9015

■ 14.3608, 15.4675,
11.9015

■ 13.7098, 14.8834,
9.4714

■ 15.0914, 16.0915,
14.7258

■ 13.1339, 14.3358,
7.4167

■ 15.9036, 16.7548,
17.9599

■ 12.6298, 13.8238,
5.7185

■ 16.8009, 17.4591,
21.6199

■ 12.1934, 13.3458,
4.3559

■ 17.7861, 18.2058,
25.7208

■ 11.8203, 12.9000,
3.3059

■ 18.8619, 18.9959,
30.2766

■ 11.5057, 12.4843,
2.5423

■ 20.0309, 19.8305,
35.3009

■ 11.2437, 12.0965,
2.0352

■ 21.2955, 20.7106,
40.8067

■ 11.0330, 11.7647,
1.6893

■ 22.6583, 21.6374,
46.8064

■ 24.1214, 22.6116,
53.3121

Harmonies

Analogous

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



15.3782, 15.4675, 12.0995



14.3608, 15.4675, 11.9015



13.4759, 15.4675, 12.9053

Triad

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



14.3608, 15.4675, 11.9015



13.2537, 15.4675, 20.7179



16.6206, 15.4675, 18.8239

Complementary

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



14.3608, 15.4675, 11.9015



11.2563, 11.3936, 17.5254

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.



15.9990, 15.4675, 21.5062



14.3608, 15.4675, 11.9015



14.0447, 15.4675, 22.6842

Square

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



14.3608, 15.4675, 11.9015



12.8565, 15.4675, 17.8438



15.0473, 15.4675, 22.9882



16.7148, 15.4675, 15.8774

Rectangle

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



14.3608, 15.4675, 11.9015



13.0684, 15.4675, 14.1974



15.0473, 15.4675, 22.9882



16.4651, 15.4675, 19.7951

Sweetspot

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



14.3612, 15.4682, 11.9018



27.2009, 28.8396, 28.5690



12.6161, 11.6981, 12.1829



6.2757, 6.6574, 6.5477



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.



14.3612, 15.4682, 11.9018



24.6945, 26.7021, 18.8698



13.8067, 15.8370, 12.0022



3.5969, 3.8263, 3.6223



12.2717, 13.0760, 1.8771



60.5911, 64.0575, 9.1708

Inverse Universe

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



11.2563, 11.3936, 17.5254



18.2544, 18.2514, 30.5362



11.7306, 11.1241, 17.4484



3.2584, 3.3820, 4.2353



3.6305, 1.8513, 17.8876



17.6421, 8.3361, 88.9583

Previews

White Background



This preview shows how the XYZ color 14.3608, 15.4675, 11.9015 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 14.3608, 15.4675, 11.9015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

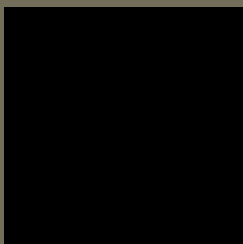
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3608, 15.4675, 11.9015

Background



This preview shows how black text looks on a background with the XYZ color 14.3608, 15.4675, 11.9015.



This preview shows how white text looks on a background with the XYZ color 14.3608, 15.4675,

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

14.3608, 15.4675, 11.9015

Protanopia

14.5166, 15.3885, 11.8780

Deuteranopia

15.6923, 15.3705, 12.0373



Tritanopia

15.6883, 15.5351, 18.3914

Trichromacy



Original Color

14.3608, 15.4675, 11.9015

Protanomaly

14.3843, 15.3203, 11.8718

Deuteranomaly

15.1721, 15.4083, 12.0720

Tritanomaly

15.1665, 15.4787, 15.8240

Monochromacy



Original Color

14.3608, 15.4675, 11.9015

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4225, 15.2761, 14.7588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3608, 15.4675, 11.9015 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, 110, 90)` looks like.

```
.text, #text, p{  
    color:rgb(114, 110, 90)  
}
```

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, 110, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 110, 90) }
```

Border

The CSS property to change the border of an element to XYZ 14.3608, 15.4675, 11.9015 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, 110, 90) }
```


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

```
.border{ border-color:rgb(114, 110, 90) }
```

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

Here you see how a box with a 4 pixel rgb(114, 110, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 110, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 110, 90);  
box-shadow:4px 4px 4px 4px rgb(114, 110,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3608, 15.4675, 11.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 110, 90) }
```

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

```
.background{ background-color: rgb(114,  
110, 90) }
```

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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