

Converting Colors

XYZ(14.8102, 14.9391, 14.3638)

Have a look what the booklet for
XYZ(14.8102, 14.9391, 14.3638)
contains.

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Color

**XYZ(14.8391, 15.0296,
14.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	756A65
RGB	117, 106, 101
RGB Percent	46%, 42%, 40%
CMY	0.5412, 0.5843, 0.6039
CMYK	0.00, 0.09, 0.14, 0.54
HSL	19°, 7%, 43%
HSV	19°, 14%, 46%
XYZ	14.8391, 15.0296, 14.4308
YIQ	108.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

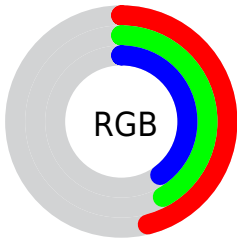
Format	Color
R_{YB}	117, 108, 101
Decimal	7694949
CIE Lab	45.67, 3.39, 4.37
CIE LCh	46, 5.529, 52.148
Yxy	15.0296, 0.3350, 0.3393
Android (android.graphics.Color)	4285885029 (0xFF756A65)
YUV	108.7190, -3.8055, 7.2624
Hunter-Lab	38.7680, 0.4798, 5.0678

Details

The XYZ color **14.8391, 15.0296, 14.4308** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3717, 15.6389, 19.0908**, and the grayscale version is **14.4654, 15.2188, 16.5732**.

A 20% lighter version of the original color is **34.0867, 34.8160, 34.6294**, and **4.6841, 4.6595, 4.1425** is the 20% darker color. If you saturate the color by 10%, you get **13.5161, 13.2364, 11.3601**, and if you desaturate by 10%, it is **16.3223, 17.0122, 17.9580**.

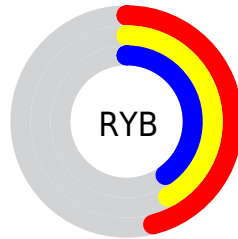
Distribution



Red (46%)

Green (42%)

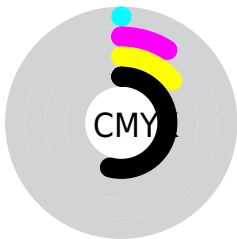
Blue (40%)



Red (46%)

Yellow (42%)

Blue (40%)

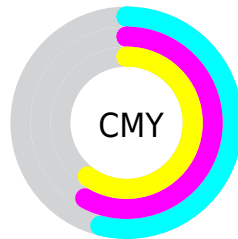


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8391, 15.0296, 14.4308 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 14.8391, 15.0296, 14.4308 by changing the saturation by 10% instead.

■ 14.8391, 15.0296,
14.4308

■ 14.8391, 15.0296,
14.4308

215.7980,
223.5453, 231.4155

■ 8.7921, 8.8402,
8.2787

■ 34.1446, 34.9051,
34.5795

■ 4.6619, 4.6371,
4.1835

■ 48.1339, 49.3599,
49.4133

■ 2.0830, 2.0359,
1.7265

■ 65.5013, 67.3387,
67.9781

■ 0.6799, 0.6282,
0.3788

■ 86.6123, 89.2258,
90.6923

■ 0.0000, 0.0000,
0.0000

111.8320,
115.4056, 117.9747

141.5260,

146.2626, 150.2436

176.0595,
182.1810, 187.9177

■ 14.8391, 15.0296,
14.4308

■ 14.8391, 15.0296,
14.4308

■ 13.5161, 13.2364,
11.3601

■ 16.3223, 17.0122,
17.9580

■ 12.3464, 11.6251,
8.7260

■ 17.9698, 19.1877,
21.9584

■ 11.3247, 10.1903,
6.5090

■ 19.7870, 21.5619,
26.4491

■ 10.4446, 8.9259,
4.6872

■ 21.7786, 24.1396,
31.4459

■ 9.6993, 7.8251,
3.2370

■ 23.9493, 26.9258,
36.9641

■ 9.0815, 6.8810,
2.1321

■ 26.3035, 29.9250,
43.0183

■ 8.5828, 6.0858,
1.3429

■ 28.8455, 33.1416,
49.6223

■ 8.1930, 5.4307,
0.8289

■ 31.5794, 36.5801,
56.7897

■ 7.9848, 5.0792,
0.5595

■ 34.5093, 40.2447,
64.5335

Harmonies

Analogous

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



15.1267, 15.0296, 15.4211



14.8391, 15.0296, 14.4308



14.4073, 15.0296, 13.9641

Triad

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



14.8391, 15.0296, 14.4308



13.4203, 15.0296, 16.0184



14.6238, 15.0296, 18.8446

Complementary

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



14.8391, 15.0296, 14.4308



14.3717, 15.6389, 19.0908

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.



14.1638, 15.0296, 19.0258



14.8391, 15.0296, 14.4308



13.4755, 15.0296, 17.3460

Square

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



14.8391, 15.0296, 14.4308



13.5929, 15.0296, 14.8478



13.7452, 15.0296, 18.4640



15.0006, 15.0296, 17.9815

Rectangle

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



14.8391, 15.0296, 14.4308



14.0984, 15.0296, 13.9940



13.7452, 15.0296, 18.4640



14.4736, 15.0296, 18.9891

Sweetspot

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



14.8395, 15.0303, 14.4311



29.1087, 30.3047, 31.8696



14.9257, 14.2637, 17.3543



6.6524, 6.9141, 7.2309



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

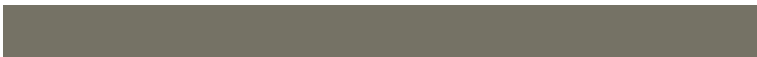
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8395, 15.0303, 14.4311



25.8962, 26.0020, 24.2560



15.6799, 16.7111, 14.7113



3.7688, 3.8705, 3.8907



8.7846, 5.5704, 0.6122



42.1226, 25.7737, 2.7547

Inverse Universe

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



14.3717, 15.6389, 19.0908



24.9086, 27.2862, 34.0909



13.5483, 13.9922, 18.8164



3.6913, 3.9713, 4.6622



6.7181, 7.7758, 19.6894



31.9472, 36.3110, 95.6852

Previews

White Background



This preview shows how the XYZ color 14.8391, 15.0296, 14.4308 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 14.8391, 15.0296, 14.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

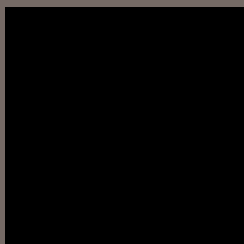
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8391, 15.0296, 14.4308

Background



This preview shows how black text looks on a background with the XYZ color 14.8391, 15.0296, 14.4308.

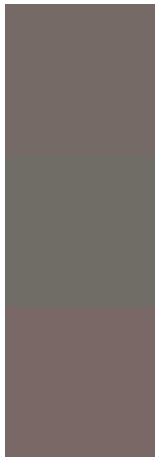


This preview shows how white text looks on a background with the XYZ color 14.8391, 15.0296,

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

14.8391, 15.0296, 14.4308

Protanopia

14.4429, 15.1292, 14.7294

Deuteranopia

15.1844, 14.9052, 14.3886



Tritanopia

15.4827, 14.9924, 17.4070

Trichromacy



Original Color

14.8391, 15.0296, 14.4308

Protanomaly

14.5954, 15.0521, 14.7065

Deuteranomaly

15.1463, 15.0358, 14.4158

Tritanomaly

15.2296, 15.0374, 16.2872

Monochromacy



Original Color

14.8391, 15.0296, 14.4308

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6462, 15.2105, 15.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8391, 15.0296, 14.4308 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(117, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 106, 101)  
}
```

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(117, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 106, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.8391, 15.0296, 14.4308 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(117, 106, 101) }
```


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

```
.border{ border-color:rgb(117, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 106,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8391, 15.0296, 14.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 106, 101) }
```

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

```
.background{ background-color: rgb(117,  
106, 101) }
```

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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