

Converting Colors

XYZ(14.4516, 14.8091, 12.5930)

Have a look what the booklet for
XYZ(14.4516, 14.8091, 12.5930)
contains.

XYZ(14.5105, 14.8981, 12.7005)	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(14.5105, 14.8981,
12.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	756A5E
RGB	117, 106, 94
RGB Percent	46%, 42%, 37%
CMY	0.5412, 0.5843, 0.6314
CMYK	0.00, 0.09, 0.20, 0.54
HSL	31°, 11%, 41%
HSV	31°, 20%, 46%
XYZ	14.5105, 14.8981, 12.7005
YIQ	107.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

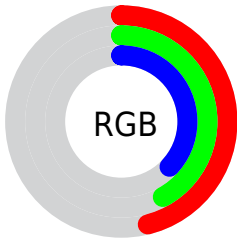
Format	Color
R _Y B	115, 117, 94
Decimal	7694942
CIE Lab	45.49, 2.17, 8.30
CIE LCh	45, 8.583, 75.369
Yxy	14.8981, 0.3446, 0.3538
Android (android.graphics.Color)	4285885022 (0xFF756A5E)
YUV	107.9210, -6.8631, 7.9623
Hunter-Lab	38.5981, -0.4416, 7.5096

Details

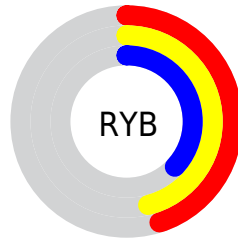
The XYZ color **14.5105, 14.8981, 12.7005** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8785, 13.7668, 18.8082**, and the grayscale version is **14.2486, 14.9906, 16.3248**.

A 20% lighter version of the original color is **33.4532, 34.5626, 31.2936**, and **4.4814, 4.5703, 3.4423** is the 20% darker color. If you saturate the color by 10%, you get **13.4671, 13.5886, 9.9559**, and if you desaturate by 10%, it is **15.6720, 16.3160, 15.8775**.

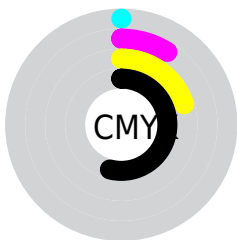
Distribution



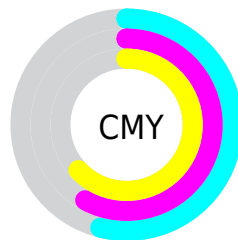
- Red (46%)
- Green (42%)
- Blue (37%)



- Red (45%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5105, 14.8981, 12.7005 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 14.5105, 14.8981, 12.7005 by changing the saturation by 10% instead.

■ 14.5105, 14.8981,
12.7005

■ 14.5105, 14.8981,
12.7005

213.8316,
222.7486, 220.1292

■ 8.5606, 8.7479,
7.0943

■ 33.5709, 34.6743,
31.4479

■ 4.5105, 4.5771,
3.4418

■ 47.4121, 49.0691,
45.4263

■ 1.9948, 2.0013,
1.3244

■ 64.6145, 66.9809,
63.0324

■ 0.6311, 0.6083,
0.0817

■ 85.5435, 88.7941,
84.6849

■ 0.0000, 0.0000,
0.0000

110.5643,
114.8931, 110.8023

140.0424,

145.6622, 141.8031

174.3430,
181.4859, 178.1059

■ 14.5105, 14.8981,
12.7005

■ 14.5105, 14.8981,
12.7005

■ 13.4671, 13.5886,
9.9559

■ 15.6720, 16.3160,
15.8775

■ 12.5362, 12.3827,
7.6237

■ 16.9543, 17.8430,
19.5039

■ 11.7137, 11.2780,
5.6837

■ 18.3618, 19.4825,
23.5968

■ 10.9946, 10.2714,
4.1137

■ 19.8980, 21.2369,
28.1721

■ 10.3736, 9.3594,
2.8892

■ 21.5664, 23.1086,
33.2451

■ 9.8446, 8.5384,
1.9825

■ 23.3704, 25.1001,
38.8302

■ 9.4009, 7.8043,
1.3620

■ 25.3133, 27.2135,
44.9415

■ 9.0203, 7.1468,
0.9156

■ 27.3980, 29.4510,
51.5923

■ 9.0079, 7.1254,
0.9006

■ 29.6277, 31.8149,
58.7956

Harmonies

Analogous

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



15.1487, 14.8981, 13.5764



14.5105, 14.8981, 12.7005



13.7987, 14.8981, 12.7117

Triad

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



14.5105, 14.8981, 12.7005



12.8748, 14.8981, 17.2882



15.1618, 14.8981, 19.1495

Complementary

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



14.5105, 14.8981, 12.7005



12.8785, 13.7668, 18.8082

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.



14.5279, 14.8981, 20.3244



14.5105, 14.8981, 12.7005



13.2156, 14.8981, 19.1897

Square

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



14.5105, 14.8981, 12.7005



12.8705, 14.8981, 15.2466



13.8156, 14.8981, 20.3396



15.5333, 14.8981, 17.2371

Rectangle

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



14.5105, 14.8981, 12.7005



13.3788, 14.8981, 13.2165



13.8156, 14.8981, 20.3396



14.9715, 14.8981, 19.6507

Sweetspot

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



14.5109, 14.8988, 12.7008



28.8431, 30.1523, 30.6133



13.8948, 12.8098, 15.1364



6.6071, 6.9033, 6.9699



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.



14.5109, 14.8988, 12.7008



25.0314, 25.4914, 20.2096



15.6665, 17.2862, 13.1007



3.8273, 3.9876, 3.9103



9.9091, 7.8194, 0.9870



47.4257, 36.3800, 4.5224

Inverse Universe

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



12.8785, 13.7668, 18.8082



21.4922, 23.0375, 33.4509



11.8693, 11.6900, 18.4605



3.6316, 3.8519, 4.6423



5.0774, 4.4945, 19.1425



23.8950, 20.2066, 93.0011

Previews

White Background



This preview shows how the XYZ color 14.5105, 14.8981, 12.7005 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 14.5105, 14.8981, 12.7005 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 14.5105, 14.8981, 12.7005

Background



This preview shows how black text looks on a background with the XYZ color 14.5105, 14.8981, 12.7005.



This preview shows how white text looks on a background with the XYZ color 14.5105, 14.8981,

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

14.5105, 14.8981, 12.7005

Protanopia

14.1333, 14.8523, 12.9484

Deuteranopia

15.1391, 14.9197, 12.6716



Tritanopia

15.3826, 14.7923, 17.3737

Trichromacy



Original Color

14.5105, 14.8981, 12.7005

Protanomaly

14.2627, 14.9190, 12.9544

Deuteranomaly

14.9571, 14.9763, 12.6921

Tritanomaly

14.9713, 14.7721, 15.4268

Monochromacy



Original Color

14.5105, 14.8981, 12.7005

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2614, 14.8742, 14.9513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5105, 14.8981, 12.7005 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(117, 106, 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(117, 106, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 106, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.5105, 14.8981, 12.7005 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, 94) }
```


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

```
.border{ border-color:rgb(117, 106, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 106, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 106, 94);  
box-shadow:4px 4px 4px 4px rgb(117, 106,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5105, 14.8981, 12.7005 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, 94) }
```

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

```
.background{ background-color: rgb(117,  
106, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor