

Converting Colors

XYZ(14.2011, 14.9363, 10.3759)

Have a look what the booklet for
XYZ(14.2011, 14.9363, 10.3759)
contains.

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Color

**XYZ(14.1551, 14.9218,
10.3178)**

Conversions

Conversions Part 1

Format	Color
Hex	756B53
RGB	117, 107, 83
RGB Percent	46%, 42%, 33%
CMY	0.5412, 0.5804, 0.6745
CMYK	0.00, 0.09, 0.29, 0.54
HSL	42°, 17%, 39%
HSV	42°, 29%, 46%
XYZ	14.1551, 14.9218, 10.3178
YIQ	107.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

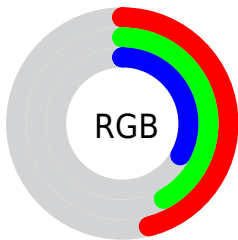
Format	Color
R_{YB}	97, 117, 83
Decimal	7695187
CIE Lab	45.53, -0.17, 14.90
CIE LCh	46, 14.901, 90.662
Yxy	14.9218, 0.3593, 0.3788
Android (android.graphics.Color)	4285885267 (0xFF756B53)
YUV	107.2540, -11.9572, 8.5472
Hunter-Lab	38.6287, -2.1908, 11.2037

Details

The XYZ color **14.1551, 14.9218, 10.3178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6924, 10.9517, 18.3799**, and the grayscale version is **14.0754, 14.8085, 16.1264**.

A 20% lighter version of the original color is **33.0381, 34.6932, 27.1455**, and **4.3496, 4.6006, 2.4925** is the 20% darker color. If you saturate the color by 10%, you get **13.3895, 14.0536, 8.0190**, and if you desaturate by 10%, it is **15.0120, 15.8504, 13.0236**.

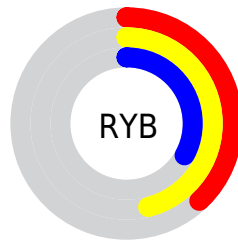
Distribution



Red (46%)

Green (42%)

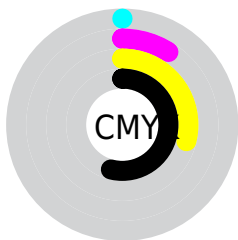
Blue (33%)



Red (38%)

Yellow (46%)

Blue (33%)

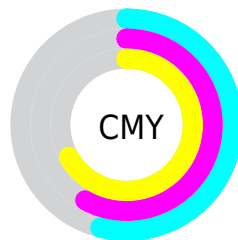


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1551, 14.9218, 10.3178 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 14.1551, 14.9218, 10.3178 by changing the saturation by 10% instead.

■ 14.1551, 14.9218,
10.3178

■ 14.1551, 14.9218,
10.3178

211.6849,
222.8924, 203.4920

■ 8.3110, 8.7645,
5.5018

■ 32.9479, 34.7159,
27.0087

■ 4.3481, 4.5879,
2.4808

■ 46.6274, 49.1216,
39.7206

■ 1.9009, 2.0076,
0.8299

■ 63.6495, 67.0455,
55.9017

■ 0.5774, 0.6119,
0.0000

■ 84.3794, 88.8720,
75.9703

■ 0.0000, 0.0000,
0.0000

■ 109.1825,
114.9856, 100.3452

138.4243,

145.7706, 129.4447

172.4700,
181.6114, 163.6874

■ 14.1551, 14.9218,
10.3178

■ 14.1551, 14.9218,
10.3178

■ 13.3895, 14.0536,
8.0190

■ 15.0120, 15.8504,
13.0236

■ 12.7101, 13.2418,
6.1059

■ 15.9627, 16.8392,
16.1543

■ 12.1130, 12.4853,
4.5571

■ 17.0112, 17.8904,
19.7277

■ 11.5933, 11.7818,
3.3483

■ 18.1607, 19.0057,
23.7605

■ 11.1457, 11.1289,
2.4524

■ 19.4144, 20.1864,
28.2684

■ 10.7642, 10.5240,
1.8381

■ 20.7753, 21.4341,
33.2664

■ 10.4294, 9.9589,
1.4042

■ 22.2462, 22.7502,
38.7688

■ 10.3987, 9.9071,
1.3642

■ 23.8300, 24.1359,
44.7895

■ 25.5291, 25.5926,
51.3416

Harmonies

Analogous

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



15.3865, 14.9218, 10.9799



14.1551, 14.9218, 10.3178



12.9982, 14.9218, 11.0410

Triad

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



14.1551, 14.9218, 10.3178



12.2241, 14.9218, 19.9950



16.3705, 14.9218, 19.8379

Complementary

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



14.1551, 14.9218, 10.3178



10.6924, 10.9517, 18.3799

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.



15.4371, 14.9218, 22.8768



14.1551, 14.9218, 10.3178



13.0434, 14.9218, 22.9764

Square

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



14.1551, 14.9218, 10.3178



11.9241, 14.9218, 16.3266



14.2104, 14.9218, 24.0999



16.7100, 14.9218, 16.1683

Rectangle

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



14.1551, 14.9218, 10.3178



12.4130, 14.9218, 12.2823



14.2104, 14.9218, 24.0999



16.1132, 14.9218, 20.9851

Sweetspot

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



14.1555, 14.9225, 10.3181



28.5536, 30.1226, 28.8236



12.4141, 10.7625, 11.8257



6.5169, 6.8764, 6.4663



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.



14.1555, 14.9225, 10.3181



24.3925, 25.6456, 15.5820



14.3780, 16.6749, 10.6446



3.8801, 4.0931, 3.9278



11.4434, 10.8881, 1.4985



54.9966, 51.5216, 7.0460

Inverse Universe

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



10.6924, 10.9517, 18.3799



17.0977, 17.2841, 32.5720



10.5013, 9.6347, 18.1358



3.5803, 3.7492, 4.6252



4.1683, 2.6762, 18.8394



19.6538, 11.7241, 91.5874

Previews

White Background



This preview shows how the XYZ color 14.1551, 14.9218, 10.3178 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 14.1551, 14.9218, 10.3178 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

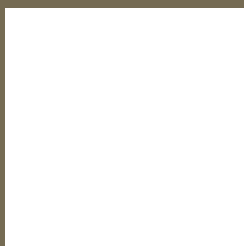
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1551, 14.9218, 10.3178

Background



This preview shows how black text looks on a background with the XYZ color 14.1551, 14.9218, 10.3178.



This preview shows how white text looks on a background with the XYZ color 14.1551, 14.9218,

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

14.1551, 14.9218, 10.3178

Protanopia

13.9941, 14.9945, 10.3403

Deuteranopia

15.0547, 14.7762, 10.4461



Tritanopia

15.4652, 14.8413, 17.0885

Trichromacy



Original Color

14.1551, 14.9218, 10.3178

Protanomaly

14.1264, 15.0627, 10.3465

Deuteranomaly

14.7189, 14.7517, 10.4591

Tritanomaly

14.9070, 14.7622, 14.3756

Monochromacy



Original Color

14.1551, 14.9218, 10.3178

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0178, 14.7767, 13.6686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1551, 14.9218, 10.3178 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, 107, 83)` looks like.

```
.text, #text, p{  
    color:rgb(117, 107, 83)  
}
```

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, 107, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 107, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.1551, 14.9218, 10.3178 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, 107, 83) }
```


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

```
.border{ border-color:rgb(117, 107, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 107, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 107, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 107, 83);  
box-shadow:4px 4px 4px 4px rgb(117, 107,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1551, 14.9218, 10.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 107, 83) }
```

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

```
.background{ background-color: rgb(117,  
107, 83) }
```

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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