

Converting Colors

XYZ(14.1100, 15.0715, 9.5626)

Have a look what the booklet for
XYZ(14.1100, 15.0715, 9.5626)
contains.

XYZ(14.1100, 15.0715, 9.5626)	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(14.1100, 15.0715,
9.5626)**

Conversions

Conversions Part 1

Format	Color
Hex	756C4F
RGB	117, 108, 79
RGB Percent	46%, 42%, 31%
CMY	0.5412, 0.5765, 0.6902
CMYK	0.00, 0.08, 0.32, 0.54
HSL	46°, 19%, 38%
HSV	46°, 32%, 46%
XYZ	14.1100, 15.0715, 9.5626
YIQ	107.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

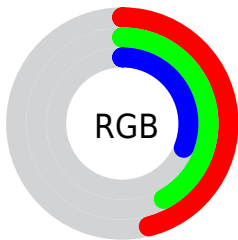
Format	Color
R_{YB}	91, 117, 79
Decimal	7695439
CIE Lab	45.73, -1.34, 17.53
CIE LCh	46, 17.585, 94.364
Yxy	15.0715, 0.3642, 0.3890
Android (android.graphics.Color)	4285885519 (0xFF756C4F)
YUV	107.3850, -13.9938, 8.4324
Hunter-Lab	38.8220, -3.0621, 12.5712

Details

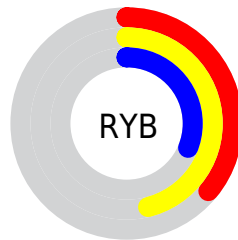
The XYZ color **14.1100, 15.0715, 9.5626** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9251, 9.9260, 18.2226**, and the grayscale version is **14.1172, 14.8524, 16.1743**.

A 20% lighter version of the original color is **32.8720, 34.9008, 25.4261**, and **4.3414, 4.6819, 2.1883** is the 20% darker color. If you saturate the color by 10%, you get **13.4337, 14.3414, 7.4178**, and if you desaturate by 10%, it is **14.8714, 15.8516, 12.1060**.

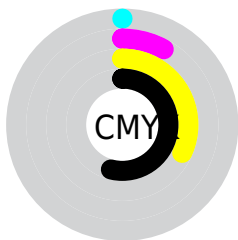
Distribution



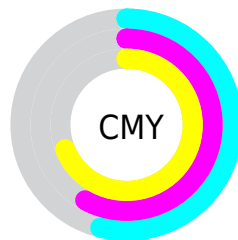
- Red (46%)
- Green (42%)
- Blue (31%)



- Red (36%)
- Yellow (46%)
- Blue (31%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1100, 15.0715, 9.5626 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 14.1100, 15.0715, 9.5626 by changing the saturation by 10% instead.

■ 14.1100, 15.0715,
9.5626

■ 14.1100, 15.0715,
9.5626

211.4110,
223.7986, 197.8912

■ 8.2794, 8.8696,
5.0081

■ 32.8687, 34.9786,
25.5643

■ 4.3276, 4.6562,
2.1932

■ 46.5276, 49.4525,
37.8486

■ 1.8891, 2.0470,
0.6704

■ 63.5266, 67.4526,
53.5466

■ 0.5705, 0.6346,
0.0000

■ 84.2310, 89.3631,
73.0769

■ 0.0000, 0.0000,
0.0000

■ 109.0064,
115.5686, 96.8579

138.2179,

146.4535, 125.3083

172.2310,
182.4020, 158.8465

■ 14.1100, 15.0715,
9.5626

■ 14.1100, 15.0715,
9.5626

■ 13.4337, 14.3414,
7.4178

■ 14.8714, 15.8516,
12.1060

■ 12.8372, 13.6574,
5.6500

■ 15.7204, 16.6812,
15.0662

■ 12.3166, 13.0183,
4.2368

■ 16.6609, 17.5625,
18.4617

■ 11.8670, 12.4221,
3.1531

■ 17.6962, 18.4970,
22.3092

■ 11.4831, 11.8664,
2.3707

■ 18.8294, 19.4860,
26.6248

■ 11.1581, 11.3485,
1.8551

■ 20.0634, 20.5309,
31.4237

■ 10.9333, 10.9761,
1.5423

■ 21.4012, 21.6329,
36.7204

■ 22.8453, 22.7933,
42.5289

■ 24.3985, 24.0131,
48.8625

Harmonies

Analogous

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



15.5893, 15.0715, 10.1151



14.1100, 15.0715, 9.5626



12.7810, 15.0715, 10.5700

Triad

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



14.1100, 15.0715, 9.5626



12.1061, 15.0715, 21.4430



17.0412, 15.0715, 20.1871

Complementary

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



14.1100, 15.0715, 9.5626



9.9251, 9.9260, 18.2226

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.



15.9887, 15.0715, 24.0821



14.1100, 15.0715, 9.5626



13.1310, 15.0715, 24.8902

Square

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



14.1100, 15.0715, 9.5626



11.6756, 15.0715, 17.0370



14.5422, 15.0715, 25.9303



17.3477, 15.0715, 15.7992

Rectangle

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



14.1100, 15.0715, 9.5626



12.1385, 15.0715, 12.1127



14.5422, 15.0715, 25.9303



16.7595, 15.0715, 21.6204

Sweetspot

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



14.1104, 15.0722, 9.5629



28.5098, 30.2130, 28.2601



11.9146, 10.0870, 10.6608



6.5137, 6.9074, 6.3506



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.



14.1104, 15.0722, 9.5629



24.3412, 25.9963, 14.1676



13.8965, 16.4442, 9.8390



3.8967, 4.1264, 3.9334



12.0338, 12.0689, 1.6953



57.9596, 57.4477, 8.0337

Inverse Universe

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



9.9251, 9.9260, 18.2226



15.6032, 15.2557, 32.2593



10.0791, 8.9758, 18.0311



3.5646, 3.7178, 4.6200



3.9766, 2.2930, 18.7756



18.8126, 10.0417, 91.3070

Previews

White Background



This preview shows how the XYZ color 14.1100, 15.0715, 9.5626 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 14.1100, 15.0715, 9.5626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

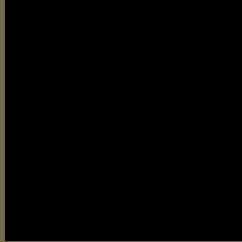
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1100, 15.0715, 9.5626

Background



This preview shows how black text looks on a background with the XYZ color 14.1100, 15.0715, 9.5626.



This preview shows how white text looks on a background with the XYZ color 14.1100, 15.0715,

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

14.1100, 15.0715, 9.5626

Protanopia

13.9763, 15.0026, 9.5563

Deuteranopia

15.3004, 15.0690, 9.6916



Tritanopia

15.7601, 15.1354, 17.4200

Trichromacy



Original Color

14.1100, 15.0715, 9.5626

Protanomaly

13.9763, 15.0026, 9.5563

Deuteranomaly

14.8117, 14.9674, 9.6978

Tritanomaly

15.0976, 15.0163, 14.1593

Monochromacy



Original Color

14.1100, 15.0715, 9.5626

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9709, 14.7580, 13.4215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1100, 15.0715, 9.5626 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, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 79)  
}
```

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, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 79) }
```

Border

The CSS property to change the border of an element to XYZ 14.1100, 15.0715, 9.5626 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, 108, 79) }
```


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

```
.border{ border-color:rgb(117, 108, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1100, 15.0715, 9.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 79) }
```

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

```
.background{ background-color: rgb(117,  
108, 79) }
```

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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