

Converting Colors

XYZ(14.8711, 15.9325, 9.1483)

Have a look what the booklet for
XYZ(14.8711, 15.9325, 9.1483)
contains.

XYZ(14.8741, 15.9556, 9.1333)	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(14.8741, 15.9556,
9.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	796F4C
RGB	121, 111, 76
RGB Percent	47%, 44%, 30%
CMY	0.5255, 0.5647, 0.7020
CMYK	0.00, 0.08, 0.37, 0.53
HSL	47°, 23%, 39%
HSV	47°, 37%, 47%
XYZ	14.8741, 15.9556, 9.1333
YIQ	110.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

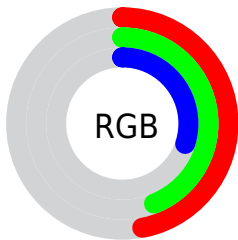
Format	Color
R_{YB}	89, 121, 76
Decimal	7958348
CIE Lab	46.92, -1.75, 20.93
CIE LCh	47, 21.000, 94.772
Yxy	15.9556, 0.3722, 0.3993
Android (android.graphics.Color)	4286148428 (0xFF796F4C)
YUV	110.0000, -16.7620, 9.6470
Hunter-Lab	39.9445, -3.4348, 14.4045

Details

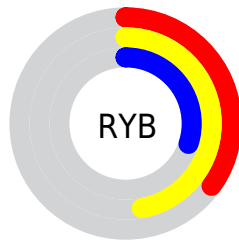
The XYZ color **14.8741, 15.9556, 9.1333** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7594, 9.5723, 19.4225**, and the grayscale version is **14.8644, 15.6386, 17.0304**.

A 20% lighter version of the original color is **34.2544, 36.6737, 24.6754**, and **4.6793, 5.1053, 2.0351** is the 20% darker color. If you saturate the color by 10%, you get **14.2036, 15.2257, 7.0260**, and if you desaturate by 10%, it is **15.6334, 16.7363, 11.6610**.

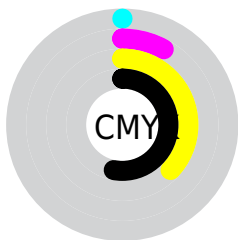
Distribution



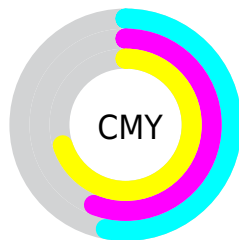
- Red (47%)
- Green (44%)
- Blue (30%)



- Red (35%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8741, 15.9556, 9.1333 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 14.8741, 15.9556, 9.1333 by changing the saturation by 10% instead.

■ 14.8741, 15.9556,
9.1333

■ 14.8741, 15.9556,
9.1333

216.0064,
229.0796, 194.6237

■ 8.8168, 9.4927,
4.7302

■ 34.2056, 36.5211,
24.7338

■ 4.6780, 5.0639,
2.0339

■ 48.2106, 51.3925,
36.7684

■ 2.0924, 2.2848,
0.5760

■ 65.5955, 69.8356,
52.1839

■ 0.6851, 0.7657,
0.0000

■ 86.7257, 92.2348,
71.3988

■ 0.0000, 0.0000,
0.0000

■ 111.9665,
118.9743, 94.8317

141.6833,

150.4387, 122.9011

176.2415,
187.0123, 156.0256

■ 14.8741, 15.9556,
9.1333

■ 14.8741, 15.9556,
9.1333

■ 14.2036, 15.2257,
7.0260

■ 15.6334, 16.7363,
11.6610

■ 13.6162, 14.5424,
5.3147

■ 16.4844, 17.5674,
14.6298

■ 13.1073, 13.9044,
3.9739

■ 17.4315, 18.4513,
18.0601

■ 12.6713, 13.3094,
2.9749

■ 18.4783, 19.3895,
21.9708

■ 12.3019, 12.7546,
2.2844

■ 19.6282, 20.3836,
26.3797

■ 11.9847, 12.2342,
1.8274

■ 20.8846, 21.4350,
31.3038

■ 11.8984, 12.0915,
1.7068

■ 22.2506, 22.5451,
36.7592

■ 23.7292, 23.7151,
42.7613

■ 25.3231, 24.9464,
49.3249

Harmonies

Analogous

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



16.7170, 15.9556, 9.7508



14.8741, 15.9556, 9.1333



13.2435, 15.9556, 10.3332

Triad

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



14.8741, 15.9556, 9.1333



12.4516, 15.9556, 23.7859



18.5808, 15.9556, 22.0379

Complementary

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



14.8741, 15.9556, 9.1333



9.7594, 9.5723, 19.4225

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.



17.2646, 15.9556, 27.0485



14.8741, 15.9556, 9.1333



13.7128, 15.9556, 28.1919

Square

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



14.8741, 15.9556, 9.1333



11.9185, 15.9556, 18.2260



15.4603, 15.9556, 29.4920



18.9540, 15.9556, 16.5470

Rectangle

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



14.8741, 15.9556, 9.1333



12.4657, 15.9556, 12.1787



15.4603, 15.9556, 29.4920



18.2290, 15.9556, 23.8670

Sweetspot

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



14.8745, 15.9563, 9.1336



30.5010, 32.3830, 29.7289



12.1697, 9.9140, 10.1825



6.9334, 7.3665, 6.6499



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.8745, 15.9563, 9.1336



25.5555, 27.4003, 12.9491



14.4487, 17.4478, 9.4440



4.2358, 4.4901, 4.2679



12.7425, 12.9409, 1.8262



60.1305, 60.4245, 8.4939

Inverse Universe

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



9.7594, 9.5723, 19.4225



14.9329, 14.1491, 34.3369



10.0603, 8.6243, 19.2236



3.8632, 4.0247, 5.0164



4.1080, 2.2985, 19.6124



19.0604, 9.8934, 93.3748

Previews

White Background



This preview shows how the XYZ color 14.8741, 15.9556, 9.1333 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 14.8741, 15.9556, 9.1333 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 14.8741, 15.9556, 9.1333

Background



This preview shows how black text looks on a background with the XYZ color 14.8741, 15.9556, 9.1333.



This preview shows how white text looks on a background with the XYZ color 14.8741, 15.9556,

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

14.8741, 15.9556, 9.1333

Protanopia

14.7347, 15.8838, 9.1267

Deuteranopia

16.1665, 15.8304, 9.2247



Tritanopia

16.6487, 15.8829, 18.1078

Trichromacy



Original Color

14.8741, 15.9556, 9.1333

Protanomaly

14.7347, 15.8838, 9.1267

Deuteranomaly

15.7554, 15.9281, 9.2652

Tritanomaly

15.9750, 15.9303, 14.2895

Monochromacy



Original Color

14.8741, 15.9556, 9.1333

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7200, 15.6111, 13.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8741, 15.9556, 9.1333 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(121, 111, 76)` looks like.

```
.text, #text, p{  
    color:rgb(121, 111, 76)  
}
```

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(121, 111, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 111, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.8741, 15.9556, 9.1333 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(121, 111, 76) }
```


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

```
.border{ border-color:rgb(121, 111, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 111, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 111, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 111, 76);  
box-shadow:4px 4px 4px 4px rgb(121, 111,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8741, 15.9556, 9.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 111, 76) }
```

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

```
.background{ background-color: rgb(121,  
111, 76) }
```

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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