

Converting Colors

XYZ(14.2906, 15.6588, 8.9259)

Have a look what the booklet for
XYZ(14.2906, 15.6588, 8.9259)
contains.

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Color

**XYZ(14.2906, 15.6588,
8.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	756F4B
RGB	117, 111, 75
RGB Percent	46%, 44%, 29%
CMY	0.5412, 0.5647, 0.7059
CMYK	0.00, 0.05, 0.36, 0.54
HSL	51°, 22%, 38%
HSV	51°, 36%, 46%
XYZ	14.2906, 15.6588, 8.9259
YIQ	108.6900, 15.1320, -9.9240

Conversions

Conversions Part 2

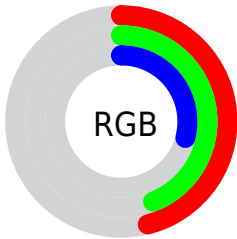
Format	Color
R_{YB}	82, 117, 75
Decimal	7696203
CIE Lab	46.52, -3.63, 20.92
CIE LCh	47, 21.230, 99.833
Yxy	15.6588, 0.3676, 0.4028
Android (android.graphics.Color)	4285886283 (0xFF756F4B)
YUV	108.6900, -16.6092, 7.2879
Hunter-Lab	39.5712, -4.7868, 14.3261

Details

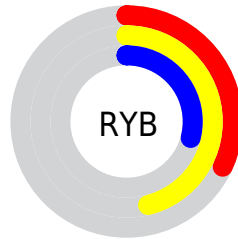
The XYZ color **14.2906, 15.6588, 8.9259** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0550, 8.6649, 18.0250**, and the grayscale version is **14.4909, 15.2456, 16.6024**.

A 20% lighter version of the original color is **33.3128, 36.1957, 24.2995**, and **4.4516, 4.9895, 1.9567** is the 20% darker color. If you saturate the color by 10%, you get **13.7460, 15.1525, 6.9471**, and if you desaturate by 10%, it is **14.9131, 16.2028, 11.2944**.

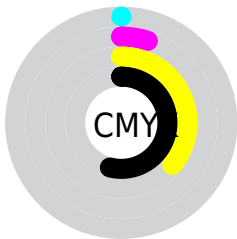
Distribution



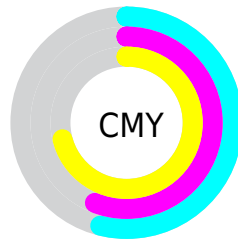
- Red (46%)
- Green (44%)
- Blue (29%)



- Red (32%)
- Yellow (46%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2906, 15.6588, 8.9259 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 14.2906, 15.6588, 8.9259 by changing the saturation by 10% instead.

■ 14.2906, 15.6588,
8.9259

■ 14.2906, 15.6588,
8.9259

212.5059,
227.3199, 193.0218

■ 8.4061, 9.2830,
4.5967

■ 33.1857, 36.0048,
24.3300

■ 4.4099, 4.9263,
1.9581

■ 46.9271, 50.7439,
36.2421

■ 1.9365, 2.2041,
0.5293

■ 64.0182, 69.0395,
51.5188

■ 0.5979, 0.7222,
0.0000

■ 84.8242, 91.2761,
70.5787

■ 0.0000, 0.0000,
0.0000

■ 109.7107,
117.8380, 93.8405

139.0429,

149.1097, 121.7226

173.1861,
185.4755, 154.6435

■ 14.2906, 15.6588,
8.9259

■ 14.2906, 15.6588,
8.9259

■ 13.7460, 15.1525,
6.9471

■ 14.9131, 16.2028,
11.2944

■ 13.2740, 14.6802,
5.3359

■ 15.6160, 16.7839,
14.0715

■ 12.8706, 14.2407,
4.0691

■ 16.4033, 17.4042,
17.2756

■ 12.5308, 13.8320,
3.1207

■ 17.2782, 18.0652,
20.9242

■ 12.2490, 13.4518,
2.4609

■ 18.2439, 18.7680,
25.0334

■ 12.0141, 13.0957,
2.0324

■ 19.3033, 19.5139,
29.6188

■ 11.9215, 12.9527,
1.8718

■ 20.4591, 20.3040,
34.6950

■ 21.7142, 21.1395,
40.2762

■ 23.0711, 22.0213,
46.3759

Harmonies

Analogous

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



16.1291, 15.6588, 9.2344



14.2906, 15.6588, 8.9259



12.7420, 15.6588, 10.4253

Triad

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



14.2906, 15.6588, 8.9259



12.3423, 15.6588, 24.3504



18.4350, 15.6588, 20.7637

Complementary

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



14.2906, 15.6588, 8.9259



9.0550, 8.6649, 18.0250

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.



17.2518, 15.6588, 26.0140



14.2906, 15.6588, 8.9259



13.7032, 15.6588, 28.3611

Square

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



14.2906, 15.6588, 8.9259



11.6796, 15.6588, 18.8285



15.4920, 15.6588, 29.0255



18.6248, 15.6588, 15.3867

Rectangle

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



14.2906, 15.6588, 8.9259



12.0447, 15.6588, 12.4722



15.4920, 15.6588, 29.0255



18.1359, 15.6588, 22.6293

Sweetspot

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



14.2910, 15.6595, 8.9262



28.5947, 30.5584, 27.7472



11.3489, 9.4129, 9.0627



6.5417, 7.0000, 6.2468



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.



14.2910, 15.6595, 8.9262



24.7794, 27.2911, 13.0236



13.1450, 16.0731, 9.0664



3.9242, 4.1815, 3.9426



13.1264, 14.2541, 2.0595



63.4897, 68.5079, 9.8771

Inverse Universe

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



9.0550, 8.6649, 18.0250



13.9381, 12.8127, 31.8755



9.9145, 8.4754, 17.9431



3.5390, 3.6665, 4.6114



3.7456, 1.8310, 18.6986



17.8610, 8.1386, 90.9898

Previews

White Background



This preview shows how the XYZ color 14.2906, 15.6588, 8.9259 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 14.2906, 15.6588, 8.9259 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

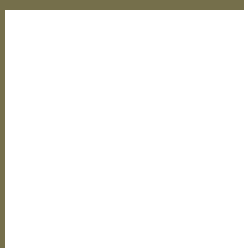
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2906, 15.6588, 8.9259

Background



This preview shows how black text looks on a background with the XYZ color 14.2906, 15.6588, 8.9259.



This preview shows how white text looks on a background with the XYZ color 14.2906, 15.6588,

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

14.2906, 15.6588, 8.9259

Protanopia

14.4537, 15.5818, 8.9024

Deuteranopia

15.9743, 15.7354, 9.0328



Tritanopia

16.0765, 15.5879, 18.0810

Trichromacy



Original Color

14.2906, 15.6588, 8.9259

Protanomaly

14.3171, 15.5114, 8.8960

Deuteranomaly

15.4195, 15.7590, 9.0666

Tritanomaly

15.4085, 15.6383, 14.2630

Monochromacy



Original Color

14.2906, 15.6588, 8.9259

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4157, 15.4597, 13.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2906, 15.6588, 8.9259 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, 111, 75)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 75)  
}
```

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, 111, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 75) }
```

Border

The CSS property to change the border of an element to XYZ 14.2906, 15.6588, 8.9259 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, 111, 75) }
```


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

```
.border{ border-color:rgb(117, 111, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 111, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 75);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2906, 15.6588, 8.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 111, 75) }
```

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

```
.background{ background-color: rgb(117,  
111, 75) }
```

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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