

Converting Colors

XYZ(14.6595, 15.9388, 13.7638)

Have a look what the booklet for
XYZ(14.6595, 15.9388, 13.7638)
contains.

XYZ(14.6809, 15.9149, 13.8534)	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(14.6809, 15.9149,
13.8534)**

Conversions

Conversions Part 1

Format	Color
Hex	707062
RGB	112, 112, 98
RGB Percent	44%, 44%, 38%
CMY	0.5608, 0.5608, 0.6157
CMYK	0.00, 0.00, 0.13, 0.56
HSL	60°, 7%, 41%
HSV	60°, 13%, 44%
XYZ	14.6809, 15.9149, 13.8534
YIQ	110.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

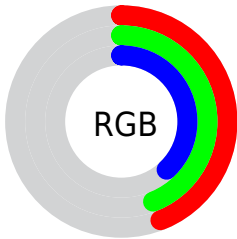
Format	Color
RYB	98, 112, 98
Decimal	7368802
CIELab	46.86, -2.69, 7.79
CIElCh	47, 8.243, 109.033
Yxy	15.9149, 0.3303, 0.3580
Android (android.graphics.Color)	4285558882 (0xFF707062)
YUV	110.4040, -6.1152, 1.3997
Hunter-Lab	39.8935, -4.1252, 7.3364

Details

The XYZ color **14.6809, 15.9149, 13.8534** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3298, 12.5023, 17.0933**, and the grayscale version is **14.9536, 15.7324, 17.1326**.

A 20% lighter version of the original color is **34.0101, 36.6134, 33.7083**, and **4.5676, 5.0047, 3.9741** is the 20% darker color. If you saturate the color by 10%, you get **14.1887, 15.7185, 11.2603**, and if you desaturate by 10%, it is **15.2480, 16.1423, 16.8370**.

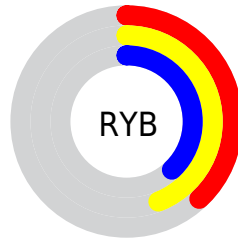
Distribution



Red (44%)

Green (44%)

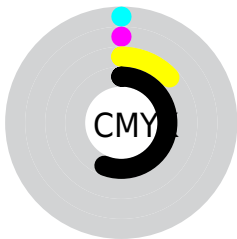
Blue (38%)



Red (38%)

Yellow (44%)

Blue (38%)

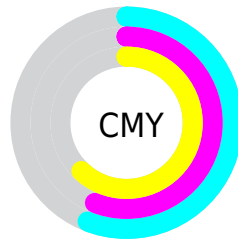


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6809, 15.9149, 13.8534 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 14.6809, 15.9149, 13.8534 by changing the saturation by 10% instead.

■ 14.6809, 15.9149,
13.8534

■ 14.6809, 15.9149,
13.8534

214.8535,
228.8390, 227.7135

■ 8.6806, 9.4640,
7.8812

■ 33.8687, 36.4504,
33.5421

■ 4.5889, 5.0450,
3.9323

■ 47.7869, 51.3038,
48.0956

■ 2.0404, 2.2737,
1.5883

■ 65.0750, 69.7267,
66.3466

■ 0.6565, 0.7597,
0.2824

■ 86.0986, 92.1036,
88.7137

■ 0.0000, 0.0000,
0.0000

111.2229,
118.8189, 115.6154

140.8132,

150.2570, 147.4703

175.2349,
186.8022, 184.6968

■ 14.6809, 15.9149,
13.8534

■ 14.6809, 15.9149,
13.8534

■ 14.1887, 15.7185,
11.2603

■ 15.2480, 16.1423,
16.8370

■ 13.7670, 15.5498,
9.0407

■ 15.8916, 16.3998,
20.2252

■ 13.4130, 15.4082,
7.1775

■ 16.6149, 16.6891,
24.0328

■ 13.1232, 15.2923,
5.6524

■ 17.4203, 17.0113,
28.2734

■ 12.8937, 15.2005,
4.4449

■ 18.3105, 17.3674,
32.9600

■ 12.7203, 15.1311,
3.5327

■ 19.2877, 17.7583,
38.1052

■ 12.5982, 15.0822,
2.8904

■ 20.3543, 18.1849,
43.7208

■ 12.5213, 15.0514,
2.4865

■ 21.5124, 18.6482,
49.8186

■ 12.4752, 15.0330,
2.2441

■ 22.7642, 19.1489,
56.4095

Harmonies

Analogous

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



15.3908, 15.9149, 13.7298



14.6809, 15.9149, 13.8534



14.1080, 15.9149, 14.8636

Triad

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



14.6809, 15.9149, 13.8534



14.2395, 15.9149, 20.4886



16.5228, 15.9149, 18.0917

Complementary

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



14.6809, 15.9149, 13.8534



12.3298, 12.5023, 17.0933

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.



16.1931, 15.9149, 20.0521



14.6809, 15.9149, 13.8534



14.8655, 15.9149, 21.5070

Square

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



14.6809, 15.9149, 13.8534



13.8588, 15.9149, 18.6502



15.5813, 15.9149, 21.3412



16.4695, 15.9149, 16.0710

Rectangle

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



14.6809, 15.9149, 13.8534



13.8738, 15.9149, 15.9520



15.5813, 15.9149, 21.3412



16.4527, 15.9149, 18.7822

Sweetspot

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



14.6813, 15.9156, 13.8537



26.6171, 28.2892, 28.6894



13.2549, 13.0623, 13.3782



6.3791, 6.7901, 6.8106



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.6813, 15.9156, 13.8537



25.5269, 27.8531, 22.9499



13.8250, 15.4742, 13.8137



3.6418, 3.9162, 3.6373



14.4214, 17.3782, 2.5942



71.8386, 86.5682, 12.9230

Inverse Universe

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



12.3298, 12.5023, 17.0933



20.5363, 20.6089, 29.8253



13.1185, 12.9088, 17.1302



3.2176, 3.3005, 4.2217



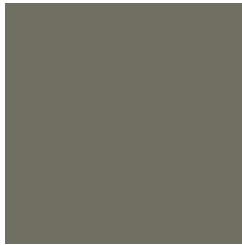
3.3812, 1.3525, 17.8045



16.8430, 6.7372, 88.6918

Previews

White Background



This preview shows how the XYZ color 14.6809, 15.9149, 13.8534 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 14.6809, 15.9149, 13.8534 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

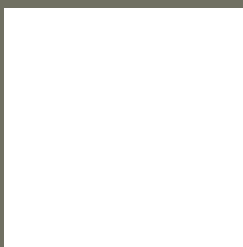
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6809, 15.9149, 13.8534

Background



This preview shows how black text looks on a background with the XYZ color 14.6809, 15.9149, 13.8534.

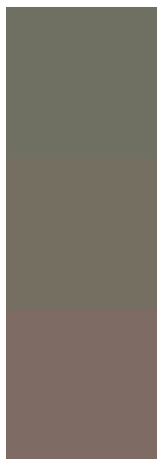


This preview shows how white text looks on a background with the XYZ color 14.6809, 15.9149,

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

14.6809, 15.9149, 13.8534

Protanopia

15.0446, 15.9450, 13.5940

Deuteranopia

16.1140, 15.8519, 14.0148



Tritanopia

15.8089, 15.8901, 19.3734

Trichromacy



Original Color

14.6809, 15.9149, 13.8534

Protanomaly

14.9123, 15.8768, 13.5878

Deuteranomaly

15.6059, 15.9031, 14.0515

Tritanomaly

15.3846, 15.8770, 17.2926

Monochromacy



Original Color

14.6809, 15.9149, 13.8534

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8415, 15.7890, 15.9010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6809, 15.9149, 13.8534 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(112, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 98)  
}
```

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(112, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.6809, 15.9149, 13.8534 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(112, 112, 98) }
```


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

```
.border{ border-color:rgb(112, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6809, 15.9149, 13.8534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 98) }
```

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

```
.background{ background-color: rgb(112,  
112, 98) }
```

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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