

Converting Colors

XYZ(14.9376, 15.5837, 15.1853)

Have a look what the booklet for
XYZ(14.9376, 15.5837, 15.1853)
contains.

XYZ(14.9068, 15.5142, 15.3056)	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(14.9068, 15.5142,
15.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	726D68
RGB	114, 109, 104
RGB Percent	45%, 43%, 41%
CMY	0.5529, 0.5725, 0.5922
CMYK	0.00, 0.04, 0.09, 0.55
HSL	30°, 5%, 43%
HSV	30°, 9%, 45%
XYZ	14.9068, 15.5142, 15.3056
YIQ	109.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

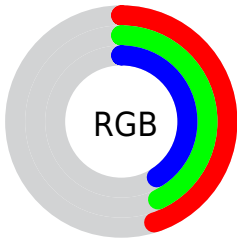
Format	Color
RYB	114, 114, 104
Decimal	7499112
CIELab	46.33, 0.97, 3.48
CIElCh	46, 3.610, 74.341
Yxy	15.5142, 0.3260, 0.3393
Android (android.graphics.Color)	4285689192 (0xFF726D68)
YUV	109.9250, -2.9210, 3.5738
Hunter-Lab	39.3881, -1.3741, 4.5325

Details

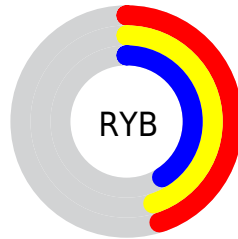
The XYZ color **14.9068, 15.5142, 15.3056** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2148, 15.0950, 18.0842**, and the grayscale version is **14.8071, 15.5782, 16.9647**.

A 20% lighter version of the original color is **34.2131, 35.6152, 36.0815**, and **4.7079, 4.8989, 4.5683** is the 20% darker color. If you saturate the color by 10%, you get **13.7784, 14.1221, 12.2631**, and if you desaturate by 10%, it is **16.1538, 17.0178, 18.7743**.

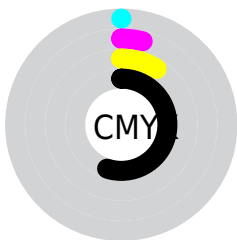
Distribution



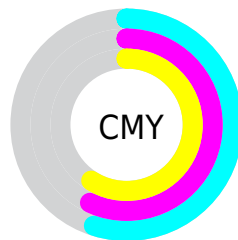
- Red (45%)
- Green (43%)
- Blue (41%)



- Red (45%)
- Yellow (45%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9068, 15.5142, 15.3056 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 14.9068, 15.5142, 15.3056 by changing the saturation by 10% instead.

■ 14.9068, 15.5142,
15.3056

■ 14.9068, 15.5142,
15.3056

216.2010,
226.4578, 236.9127

■ 8.8399, 9.1811,
8.8851

■ 34.2626, 35.7527,
36.1383

■ 4.6932, 4.8595,
4.5706

■ 48.2822, 50.4269,
51.3876

■ 2.1013, 2.1650,
1.9433

■ 65.6834, 68.6503,
70.4169

■ 0.6899, 0.7008,
0.5201

■ 86.8316, 90.8071,
93.6447

■ 0.0000, 0.0000,
0.0000

112.0921,
117.2819, 121.4897

141.8302,

148.4590, 154.3704

176.4114,
184.7229, 192.7052

■ 14.9068, 15.5142,
15.3056

■ 14.9068, 15.5142,
15.3056

■ 13.7784, 14.1221,
12.2631

■ 16.1538, 17.0178,
18.7743

■ 12.7634, 12.8367,
9.6292

■ 17.5218, 18.6335,
22.6839

■ 11.8581, 11.6559,
7.3863

■ 19.0147, 20.3645,
27.0497

■ 11.0583, 10.5767,
5.5153

■ 20.6357, 22.2131,
31.8860

■ 10.3592, 9.5958,
3.9956

■ 22.3883, 24.1819,
37.2064

■ 9.7556, 8.7099,
2.8043

■ 24.2753, 26.2730,
43.0239

■ 9.2420, 7.9153,
1.9158

■ 26.2999, 28.4886,
49.3511

■ 8.8119, 7.2080,
1.3009

■ 28.4648, 30.8310,
56.2000

■ 8.4464, 6.5790,
0.8649

■ 30.7729, 33.3021,
63.5825

Harmonies

Analogous

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



15.1750, 15.5142, 15.7302



14.9068, 15.5142, 15.3056



14.5990, 15.5142, 15.2961

Triad

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



14.9068, 15.5142, 15.3056



14.1774, 15.5142, 17.3175



15.1651, 15.5142, 18.1393

Complementary

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



14.9068, 15.5142, 15.3056



14.2148, 15.0950, 18.0842

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.



14.8935, 15.5142, 18.5959



14.9068, 15.5142, 15.3056



14.3247, 15.5142, 18.1103

Square

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



14.9068, 15.5142, 15.3056



14.1808, 15.5142, 16.4370



14.5859, 15.5142, 18.5851



15.3256, 15.5142, 17.3560

Rectangle

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



14.9068, 15.5142, 15.3056



14.4130, 15.5142, 15.5253



14.5859, 15.5142, 18.5851



15.0837, 15.5142, 18.3373

Sweetspot

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



14.9072, 15.5149, 15.3059



27.4177, 28.7438, 30.2739



14.6503, 14.5824, 16.5108



6.3052, 6.6046, 6.9024



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.



14.9072, 15.5149, 15.3059



25.6787, 26.6312, 25.4846



15.4557, 16.6117, 15.4887



3.5095, 3.6515, 3.5932



9.3382, 7.2090, 0.8993



45.6551, 34.1853, 4.1921

Inverse Universe

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



14.2148, 15.0950, 18.0842



24.1388, 25.6975, 31.6633



13.6967, 14.0589, 17.9115



3.3425, 3.5502, 4.2633



4.9916, 4.5736, 18.3413



24.0028, 21.0575, 91.0786

Previews

White Background



This preview shows how the XYZ color 14.9068, 15.5142, 15.3056 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 14.9068, 15.5142, 15.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

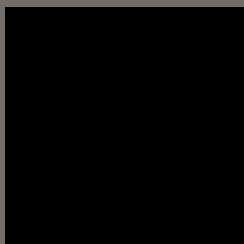
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

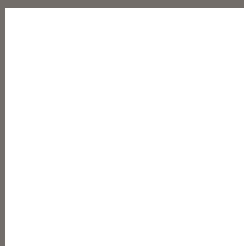
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9068, 15.5142, 15.3056

Background



This preview shows how black text looks on a background with the XYZ color 14.9068, 15.5142, 15.3056.



This preview shows how white text looks on a background with the XYZ color 14.9068, 15.5142,

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

14.9068, 15.5142, 15.3056

Protanopia

14.7774, 15.4475, 15.2995

Deuteranopia

15.7299, 15.4656, 15.5207



Tritanopia

15.6125, 15.4893, 18.6899

Trichromacy



Original Color

14.9068, 15.5142, 15.3056

Protanomaly

14.7774, 15.4475, 15.2995

Deuteranomaly

15.4152, 15.4572, 15.5357

Tritanomaly

15.3574, 15.5398, 17.5193

Monochromacy



Original Color

14.9068, 15.5142, 15.3056

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8382, 15.6141, 16.4191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9068, 15.5142, 15.3056 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(114, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(114, 109, 104)  
}
```

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(114, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 109, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.9068, 15.5142, 15.3056 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(114, 109, 104) }
```


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

```
.border{ border-color:rgb(114, 109, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 109, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(114, 109,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9068, 15.5142, 15.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 109, 104) }
```

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

```
.background{ background-color: rgb(114,  
109, 104) }
```

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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