

Converting Colors

XYZ(14.8582, 15.2149, 14.1872)

Have a look what the booklet for
XYZ(14.8582, 15.2149, 14.1872)
contains.

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Color

**XYZ(14.8941, 15.2174,
14.2088)**

Conversions

Conversions Part 1

Format	Color
Hex	756B64
RGB	117, 107, 100
RGB Percent	46%, 42%, 39%
CMY	0.5412, 0.5804, 0.6078
CMYK	0.00, 0.09, 0.15, 0.54
HSL	25°, 8%, 43%
HSV	25°, 15%, 46%
XYZ	14.8941, 15.2174, 14.2088
YIQ	109.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

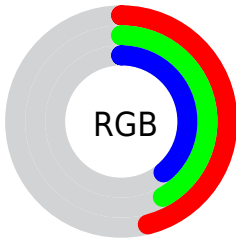
Format	Color
R_{YB}	117, 112, 100
Decimal	7695204
CIE _{Lab}	45.93, 2.62, 5.33
CIE _{LCh}	46, 5.942, 63.814
Yxy	15.2174, 0.3361, 0.3434
Android (android.graphics.Color)	4285885284 (0xFF756B64)
YUV	109.1920, -4.5317, 5.8476
Hunter-Lab	39.0095, -0.1140, 5.7109

Details

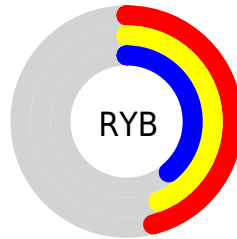
The XYZ color **14.8941, 15.2174, 14.2088** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0423, 15.1453, 19.0131**, and the grayscale version is **14.6015, 15.3619, 16.7291**.

A 20% lighter version of the original color is **34.1750, 35.1231, 34.2564**, and **4.7127, 4.7540, 4.0374** is the 20% darker color. If you saturate the color by 10%, you get **13.6790, 13.6293, 11.2077**, and if you desaturate by 10%, it is **16.2484, 16.9536, 17.6580**.

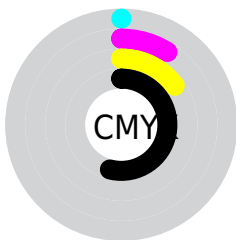
Distribution



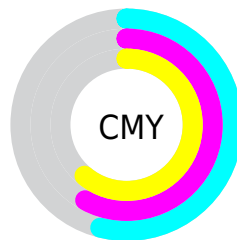
- Red (46%)
- Green (42%)
- Blue (39%)



- Red (46%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8941, 15.2174, 14.2088 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 14.8941, 15.2174, 14.2088 by changing the saturation by 10% instead.

■ 14.8941, 15.2174,
14.2088

■ 14.8941, 15.2174,
14.2088

216.1254,
224.6783, 229.9994

■ 8.8309, 8.9721,
8.1256

■ 34.2405, 35.2341,
34.1815

■ 4.6873, 4.7230,
4.0865

■ 48.2544, 49.7743,
48.9081

■ 2.0978, 2.0857,
1.6729

■ 65.6493, 67.8483,
67.3529

■ 0.6880, 0.6565,
0.3421

■ 86.7905, 89.8404,
89.9345

■ 0.0000, 0.0000,
0.0000

112.0433,
116.1351, 117.0714

141.7732,

147.1167, 149.1822

176.3455,
183.1697, 186.6853

■ 14.8941, 15.2174,
14.2088

■ 14.8941, 15.2174,
14.2088

■ 13.6790, 13.6293,
11.2077

■ 16.2484, 16.9536,
17.6580

■ 12.5973, 12.1832,
8.6351

■ 17.7454, 18.8397,
21.5719

■ 11.6441, 10.8757,
6.4714

■ 19.3896, 20.8802,
25.9673

■ 10.8141, 9.7022,
4.6951

■ 21.1852, 23.0785,
30.8600

■ 10.1015, 8.6580,
3.2826

■ 23.1361, 25.4381,
36.2650

■ 9.4998, 7.7382,
2.2079

■ 25.2462, 27.9623,
42.1967

■ 9.0018, 6.9371,
1.4411

■ 27.5191, 30.6544,
48.6690

■ 8.5973, 6.2480,
0.9366

■ 29.9583, 33.5175,
55.6951

■ 8.4010, 5.9116,
0.6983

■ 32.5673, 36.5547,
63.2879

Harmonies

Analogous

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



15.2811, 15.2174, 15.0770



14.8941, 15.2174, 14.2088



14.3995, 15.2174, 13.9596

Triad

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



14.8941, 15.2174, 14.2088



13.5212, 15.2174, 16.7539



15.0079, 15.2174, 18.9753

Complementary

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



14.8941, 15.2174, 14.2088



14.0423, 15.1453, 19.0131

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.



14.5280, 15.2174, 19.4853



14.8941, 15.2174, 14.2088



13.6760, 15.2174, 18.1567

Square

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



14.8941, 15.2174, 14.2088



13.6141, 15.2174, 15.3782



14.0416, 15.2174, 19.1774



15.3478, 15.2174, 17.8200

Rectangle

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



14.8941, 15.2174, 14.2088



14.0772, 15.2174, 14.1652



14.0416, 15.2174, 19.1774



14.8572, 15.2174, 19.2308

Sweetspot

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



14.8945, 15.2181, 14.2091



29.2049, 30.4971, 31.9017



14.7189, 14.0266, 16.7409



6.6778, 6.9649, 7.2394



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.



14.8945, 15.2181, 14.2091



26.0129, 26.3963, 23.7992



15.8016, 17.0323, 14.5115



3.7964, 3.9257, 3.8999



9.2412, 6.4837, 0.7644



44.2319, 29.9924, 3.4578

Inverse Universe

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



14.0423, 15.1453, 19.0131



24.2164, 26.2426, 33.9260



13.1886, 13.4378, 18.7285



3.6628, 3.9143, 4.6527



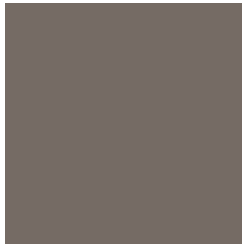
5.8541, 6.0478, 19.4014



27.6685, 27.7536, 94.2590

Previews

White Background



This preview shows how the XYZ color 14.8941, 15.2174, 14.2088 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 14.8941, 15.2174, 14.2088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

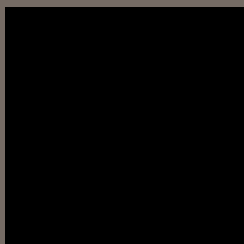
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8941, 15.2174, 14.2088

Background



This preview shows how black text looks on a background with the XYZ color 14.8941, 15.2174, 14.2088.

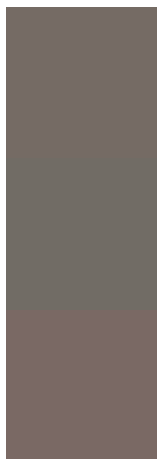


This preview shows how white text looks on a background with the XYZ color 14.8941, 15.2174,

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

14.8941, 15.2174, 14.2088

Protanopia

14.5216, 15.1754, 14.4757

Deuteranopia

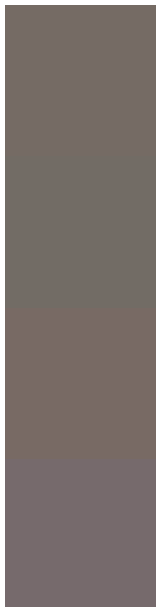
15.3779, 15.1608, 14.1724



Tritanopia

15.6400, 15.2173, 17.7357

Trichromacy



Original Color

14.8941, 15.2174, 14.2088

Protanomaly

14.6510, 15.2421, 14.4818

Deuteranomaly

15.2000, 15.2212, 14.1935

Tritanomaly

15.3320, 15.2423, 16.3213

Monochromacy



Original Color

14.8941, 15.2174, 14.2088

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6462, 15.2105, 15.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8941, 15.2174, 14.2088 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, 107, 100)` looks like.

```
.text, #text, p{  
    color:rgb(117, 107, 100)  
}
```

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, 107, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 107, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.8941, 15.2174, 14.2088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

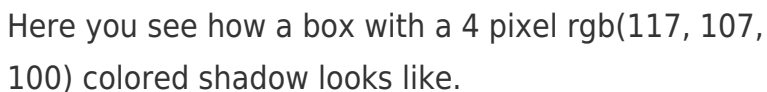
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 107, 100) }
```


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

```
.border{ border-color:rgb(117, 107, 100) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 107, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 107, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 107, 100); box-shadow:4px 4px 4px 4px rgb(117, 107, 100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8941, 15.2174, 14.2088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 107, 100) }
```

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

```
.background{ background-color: rgb(117,  
107, 100) }
```

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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