

Converting Colors

XYZ(15.4240, 15.8322, 13.8670)

Have a look what the booklet for
XYZ(15.4240, 15.8322, 13.8670)
contains.

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Color

**XYZ(15.4190, 15.8122,
13.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	786D62
RGB	120, 109, 98
RGB Percent	47%, 43%, 38%
CMY	0.5294, 0.5725, 0.6157
CMYK	0.00, 0.09, 0.18, 0.53
HSL	30°, 10%, 43%
HSV	30°, 18%, 47%
XYZ	15.4190, 15.8122, 13.7947
YIQ	111.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

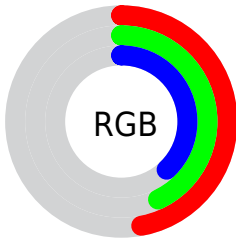
Format	Color
R_{YB}	120, 120, 98
Decimal	7892322
CIE Lab	46.73, 2.32, 7.70
CIE LCh	47, 8.042, 73.243
Yxy	15.8122, 0.3424, 0.3512
Android (android.graphics.Color)	4286082402 (0xFF786D62)
YUV	111.0350, -6.4263, 7.8623
Hunter-Lab	39.7646, -0.3733, 7.2669

Details

The XYZ color **15.4190, 15.8122, 13.7947** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8958, 14.8898, 19.9111**, and the grayscale version is **15.1360, 15.9242, 17.3415**.

A 20% lighter version of the original color is **35.0089, 36.0822, 33.5532**, and **4.9410, 5.0328, 3.9598** is the 20% darker color. If you saturate the color by 10%, you get **14.2762, 14.3664, 10.8249**, and if you desaturate by 10%, it is **16.6913, 17.3808, 17.2273**.

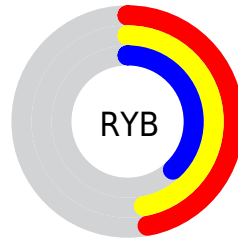
Distribution



Red (47%)

Green (43%)

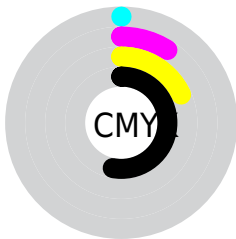
Blue (38%)



Red (47%)

Yellow (47%)

Blue (38%)

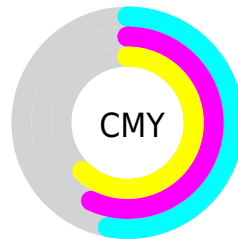


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4190, 15.8122, 13.7947 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 15.4190, 15.8122, 13.7947 by changing the saturation by 10% instead.

■ 15.4190, 15.8122,
13.7947

■ 15.4190, 15.8122,
13.7947

219.2269,
228.2310, 227.3337

■ 9.2022, 9.3914,
7.8409

■ 35.1522, 36.2719,
33.4362

■ 4.9315, 4.9973,
3.9070

■ 49.3994, 51.0795,
47.9609

■ 2.2415, 2.2457,
1.5745

■ 67.0540, 69.4515,
66.1797

■ 0.7645, 0.7447,
0.2725

■ 88.4815, 91.7723,
88.5112

■ 0.0000, 0.0000,
0.0000

114.0471,
118.4262, 115.3737

144.1164,

149.7977, 147.1860

179.0545,
186.2712, 184.3665

■ 15.4190, 15.8122,
13.7947

■ 15.4190, 15.8122,
13.7947

■ 14.2762, 14.3664,
10.8249

■ 16.6913, 17.3808,
17.2273

■ 13.2571, 13.0379,
8.2966

■ 18.0962, 19.0732,
21.1404

■ 12.3570, 11.8242,
6.1886

■ 19.6383, 20.8930,
25.5524

■ 11.5707, 10.7217,
4.4774

■ 21.3215, 22.8430,
30.4800

■ 10.8923, 9.7263,
3.1371

■ 23.1496, 24.9261,
35.9394

■ 10.3155, 8.8342,
2.1388

■ 25.1264, 27.1449,
41.9461

■ 9.8329, 8.0405,
1.4492

■ 27.2552, 29.5020,
48.5147

■ 9.4262, 7.3364,
0.9767

■ 29.5394, 31.9999,
55.6595

■ 9.3623, 7.2262,
0.9013

■ 31.9823, 34.6410,
63.3942

Harmonies

Analogous

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



16.0273, 15.8122, 14.7172



15.4190, 15.8122, 13.7947



14.7239, 15.8122, 13.7422

Triad

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



15.4190, 15.8122, 13.7947



13.7610, 15.8122, 18.1118



15.9667, 15.8122, 20.1690

Complementary

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



15.4190, 15.8122, 13.7947



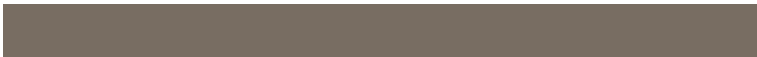
13.8958, 14.8898, 19.9111

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.



15.3384, 15.8122, 21.2327



15.4190, 15.8122, 13.7947



14.0731, 15.8122, 19.9845

Square

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



15.4190, 15.8122, 13.7947



13.7811, 15.8122, 16.1330



14.6457, 15.8122, 21.1626



16.3501, 15.8122, 18.3481

Rectangle

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



15.4190, 15.8122, 13.7947



14.3058, 15.8122, 14.2001



14.6457, 15.8122, 21.1626



15.7763, 15.8122, 20.6330

Sweetspot

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



15.4194, 15.8129, 13.7950



30.1241, 31.5010, 32.4152



14.8739, 13.8328, 16.3543



7.1065, 7.4259, 7.5917



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.



15.4194, 15.8129, 13.7950



26.2470, 26.7160, 21.9685



16.6670, 18.3080, 14.2109



4.1485, 4.3154, 4.2388



10.1994, 7.8548, 0.9786



47.8011, 35.7656, 4.3841

Inverse Universe

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



13.8958, 14.8898, 19.9111



23.0452, 24.7761, 34.8207



12.7951, 12.6884, 19.5442



3.9477, 4.1938, 5.0446



5.4463, 4.9751, 20.0585



25.1284, 22.0294, 95.3975

Previews

White Background



This preview shows how the XYZ color 15.4190, 15.8122, 13.7947 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 15.4190, 15.8122, 13.7947 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 15.4190, 15.8122, 13.7947

Background



This preview shows how black text looks on a background with the XYZ color 15.4190, 15.8122, 13.7947.

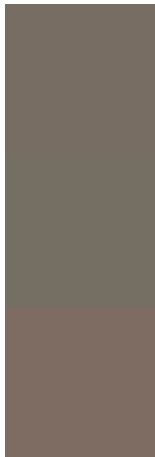


This preview shows how white text looks on a background with the XYZ color 15.4190, 15.8122,

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

15.4190, 15.8122, 13.7947

Protanopia

15.0305, 15.7657, 14.0553

Deuteranopia

16.0665, 15.8329, 13.7645



Tritanopia

16.3782, 15.8908, 18.4237

Trichromacy



Original Color

15.4190, 15.8122, 13.7947

Protanomaly

15.1642, 15.8346, 14.0615

Deuteranomaly

15.8793, 15.8921, 13.7858

Tritanomaly

16.0080, 15.8942, 16.6922

Monochromacy



Original Color

15.4190, 15.8122, 13.7947

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1169, 15.7699, 15.8828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4190, 15.8122, 13.7947 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(120, 109, 98)` looks like.

```
.text, #text, p{  
    color:rgb(120, 109, 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(120, 109, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 109, 98) }
```

Border

The CSS property to change the border of an element to XYZ 15.4190, 15.8122, 13.7947 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(120, 109, 98) }
```


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

```
.border{ border-color:rgb(120, 109, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 109, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 109, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 109, 98);  
box-shadow:4px 4px 4px 4px rgb(120, 109,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4190, 15.8122, 13.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 109, 98) }
```

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

```
.background{ background-color: rgb(120,  
109, 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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