

Converting Colors

XYZ(13.1373, 12.1810, 11.5291)

Have a look what the booklet for
XYZ(13.1373, 12.1810, 11.5291)
contains.

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Color

**XYZ(13.1867, 12.2612,
11.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	765C5B
RGB	118, 92, 91
RGB Percent	46%, 36%, 36%
CMY	0.5373, 0.6392, 0.6431
CMYK	0.00, 0.22, 0.23, 0.54
HSL	2°, 13%, 41%
HSV	2°, 23%, 46%
XYZ	13.1867, 12.2612, 11.5692
YIQ	99.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

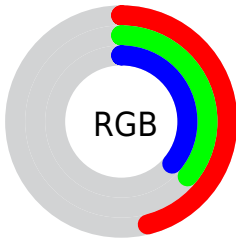
Format	Color
RYB	118, 92, 91
Decimal	7756891
CIELab	41.63, 10.44, 4.63
CIELCh	42, 11.426, 23.912
Yxy	12.2612, 0.3562, 0.3312
Android (android.graphics.Color)	4285946971 (0xFF765C5B)
YUV	99.6600, -4.2694, 16.0842
Hunter-Lab	35.0160, 5.9435, 4.9219

Details

The XYZ color **13.1867, 12.2612, 11.5692** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9455, 16.2543, 19.5420**, and the grayscale version is **12.0346, 12.6613, 13.7882**.

A 20% lighter version of the original color is **31.2753, 29.9270, 29.3274**, and **3.9049, 3.4087, 2.9347** is the 20% darker color. If you saturate the color by 10%, you get **11.8057, 10.2507, 8.7919**, and if you desaturate by 10%, it is **14.7961, 14.6001, 14.8179**.

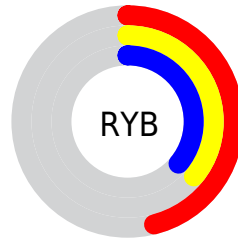
Distribution



Red (46%)

Green (36%)

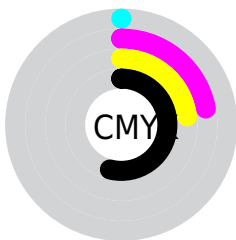
Blue (36%)



Red (46%)

Yellow (36%)

Blue (36%)

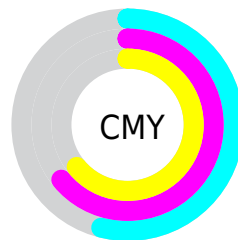


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1867, 12.2612, 11.5692 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 13.1867, 12.2612, 11.5692 by changing the saturation by 10% instead.

■ 13.1867, 12.2612,
11.5692

■ 13.1867, 12.2612,
11.5692

205.7243,
206.1269, 212.4077

■ 7.6351, 6.9218,
6.3321

■ 31.2373, 29.9699,
29.3606

■ 3.9122, 3.4133,
2.9760

■ 44.4670, 43.1081,
42.7520

■ 1.6526, 1.3511,
1.0824

■ 60.9867, 59.6146,
59.6985

■ 0.4263, 0.1803,
0.0000

■ 81.1619, 79.8740,
80.6188

■ 0.0000, 0.0000,
0.0000

■ 105.3579,
104.2705, 105.9313

133.9401,

133.1885, 136.0546

167.2737,
167.0125, 171.4072

■ 13.1867, 12.2612,
11.5692

■ 13.1867, 12.2612,
11.5692

■ 11.8057, 10.2507,
8.7919

■ 14.7961, 14.6001,
14.8179

■ 10.6418, 8.5523,
6.4633

■ 16.6425, 17.2795,
18.5576

■ 9.6842, 7.1510,
4.5603

■ 18.7353, 20.3128,
22.8079

■ 8.9210, 6.0296,
3.0569

■ 21.0832, 23.7122,
27.5868

■ 8.3387, 5.1693,
1.9248

■ 23.6942, 27.4894,
32.9117

■ 7.9225, 4.5491,
1.1317

■ 26.5763, 31.6554,
38.7991

■ 7.6545, 4.1445,
0.6378

■ 29.7369, 36.2211,
45.2648

■ 7.5188, 3.9467,
0.3655

■ 33.1832, 41.1966,
52.3240

■ 36.9222, 46.5918,
59.9913

Harmonies

Analogous

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



13.3272, 12.2612, 13.8448



13.1867, 12.2612, 11.5692



12.6270, 12.2612, 9.9636

Triad

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



13.1867, 12.2612, 11.5692



10.4020, 12.2612, 10.8172



11.4842, 12.2612, 18.4736

Complementary

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



13.1867, 12.2612, 11.5692



13.9455, 16.2543, 19.5420

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.



10.7321, 12.2612, 17.4288



13.1867, 12.2612, 11.5692



10.1268, 12.2612, 12.8679

Square

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



13.1867, 12.2612, 11.5692



11.0141, 12.2612, 9.5672



10.2447, 12.2612, 15.3056



12.3180, 12.2612, 18.0188

Rectangle

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



13.1867, 12.2612, 11.5692



12.1052, 12.2612, 9.3961



10.2447, 12.2612, 15.3056



11.2139, 12.2612, 18.2826

Sweetspot

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



13.1870, 12.2618, 11.5695



27.8168, 28.2853, 29.6990



14.4292, 12.6206, 18.5361



6.3662, 6.4607, 6.7690



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.



13.1870, 12.2618, 11.5695



21.9744, 19.7955, 17.9016



14.4521, 14.7919, 11.9911



3.6939, 3.7207, 3.8658



8.1321, 4.2655, 0.3947



39.4892, 20.5069, 1.8769

Inverse Universe

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



13.9455, 16.2543, 19.5420



23.5343, 28.0080, 34.3027



12.4947, 13.3526, 19.0584



3.7722, 4.1331, 4.6892



9.9992, 14.3381, 20.7831



48.5834, 69.5833, 101.2306

Previews

White Background



This preview shows how the XYZ color 13.1867, 12.2612, 11.5692 looks on a white background.

Color Contrast Check

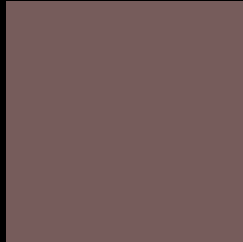
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1867, 12.2612, 11.5692 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 13.1867, 12.2612, 11.5692

Background



This preview shows how black text looks on a background with the XYZ color 13.1867, 12.2612, 11.5692.

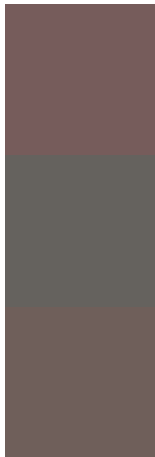


This preview shows how white text looks on a background with the XYZ color 13.1867, 12.2612,

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

13.1867, 12.2612, 11.5692

Protanopia

11.7549, 12.3102, 12.3462

Deuteranopia

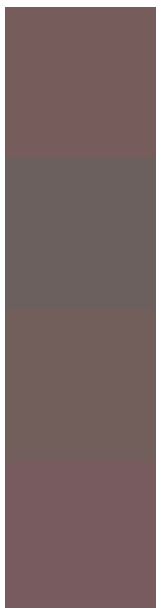
12.4932, 12.3021, 11.3889



Tritanopia

13.5534, 12.2860, 13.2124

Trichromacy



Original Color

13.1867, 12.2612, 11.5692

Protanomaly

12.2221, 12.2819, 12.0824

Deuteranomaly

12.7876, 12.3210, 11.3771

Tritanomaly

13.4144, 12.2303, 12.4801

Monochromacy



Original Color

13.1867, 12.2612, 11.5692

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.4958, 12.5383, 13.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1867, 12.2612, 11.5692 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(118, 92, 91) looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 91)  
}
```

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(118, 92, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 91) }
```

Border

The CSS property to change the border of an element to XYZ 13.1867, 12.2612, 11.5692 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(118, 92, 91) }
```


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

```
.border{ border-color:rgb(118, 92, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 92, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 91);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1867, 12.2612, 11.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 91) }
```

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

```
.background{ background-color: rgb(118, 92,  
91) }
```

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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