

Converting Colors

XYZ(13.9019, 13.1322, 12.8684)

Have a look what the booklet for
XYZ(13.9019, 13.1322, 12.8684)
contains.

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Color

**XYZ(13.9019, 13.1322,
12.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	776060
RGB	119, 96, 96
RGB Percent	47%, 38%, 38%
CMY	0.5333, 0.6235, 0.6235
CMYK	0.00, 0.19, 0.19, 0.53
HSL	0°, 11%, 42%
HSV	0°, 19%, 47%
XYZ	13.9019, 13.1322, 12.8684
YIQ	102.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

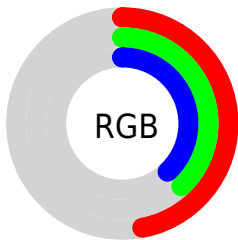
Format	Color
R_{YB}	119, 96, 96
Decimal	7823456
CIE Lab	42.96, 9.29, 3.51
CIE LCh	43, 9.935, 20.686
Yxy	13.1322, 0.3484, 0.3291
Android (android.graphics.Color)	4286013536 (0xFF776060)
YUV	102.8770, -3.3904, 14.1399
Hunter-Lab	36.2384, 5.0597, 4.3127

Details

The XYZ color **13.9019, 13.1322, 12.8684** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7503, 17.0118, 19.9589**, and the grayscale version is **12.8660, 13.5361, 14.7408**.

A 20% lighter version of the original color is **32.6353, 31.7134, 31.5954**, and **4.2421, 3.8136, 3.5301** is the 20% darker color. If you saturate the color by 10%, you get **12.3904, 10.9205, 9.8630**, and if you desaturate by 10%, it is **15.6615, 15.7070, 16.3660**.

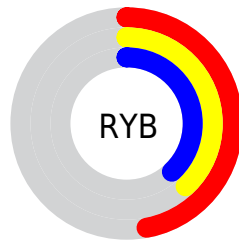
Distribution



Red (47%)

Green (38%)

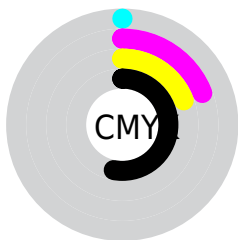
Blue (38%)



Red (47%)

Yellow (38%)

Blue (38%)

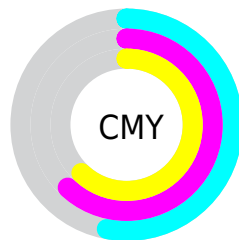


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9019, 13.1322, 12.8684 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 13.9019, 13.1322, 12.8684 by changing the saturation by 10% instead.

■ 13.9019, 13.1322,
12.8684

■ 13.9019, 13.1322,
12.8684

210.1425,
211.7632, 221.2507

■ 8.1337, 7.5196,
7.2083

■ 32.5026, 31.5411,
31.7549

■ 4.2332, 3.7892,
3.5123

■ 46.0658, 45.1062,
45.8183

■ 1.8349, 1.5563,
1.3618

■ 62.9580, 62.0910,
63.5200

■ 0.5385, 0.3279,
0.1117

■ 83.5447, 82.8798,
85.2785

■ 0.0000, 0.0000,
0.0000

108.1911,
107.8570, 111.5122

137.2627,

137.4070, 142.6398

171.1247,
171.9143, 179.0798

■ 13.9019, 13.1322,
12.8684

■ 13.9019, 13.1322,
12.8684

■ 12.3904, 10.9205,
9.8630

■ 15.6615, 15.7070,
16.3660

■ 11.1147, 9.0538,
7.3270

■ 17.6784, 18.6582,
20.3756

■ 10.0633, 7.5153,
5.2370

■ 19.9627, 22.0008,
24.9170

■ 9.2233, 6.2861,
3.5671

■ 22.5238, 25.7484,
30.0087

■ 8.5803, 5.3452,
2.2889

■ 25.3705, 29.9138,
35.6681

■ 8.1183, 4.6691,
1.3706

■ 28.5113, 34.5095,
41.9121

■ 7.8187, 4.2308,
0.7753

■ 31.9541, 39.5472,
48.7567

■ 7.6210, 3.9413,
0.3821

■ 35.7068, 45.0384,
56.2175

■ 7.6079, 3.9222,
0.3561

■ 39.7770, 50.9939,
64.3092

Harmonies

Analogous

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



13.9827, 13.1322, 14.9880



13.9019, 13.1322, 12.8684



13.4324, 13.1322, 11.2943

Triad

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



13.9019, 13.1322, 12.8684



11.3831, 13.1322, 11.8037



12.2463, 13.1322, 18.8475

Complementary

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



13.9019, 13.1322, 12.8684



14.7503, 17.0118, 19.9589

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.



11.5771, 13.1322, 17.7936



13.9019, 13.1322, 12.8684



11.0923, 13.1322, 13.6309

Square

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



13.9019, 13.1322, 12.8684



11.9718, 13.1322, 10.7244



11.1618, 13.1322, 15.8313



13.0060, 13.1322, 18.5902

Rectangle

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



13.9019, 13.1322, 12.8684



12.9722, 13.1322, 10.6961



11.1618, 13.1322, 15.8313



12.0038, 13.1322, 18.6311

Sweetspot

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



13.9023, 13.1328, 12.8687



29.1411, 29.7302, 31.4853



15.1205, 13.6197, 19.2847



6.8651, 6.9856, 7.3800



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.



13.9023, 13.1328, 12.8687



23.6895, 21.7531, 20.6475



15.0291, 15.3865, 13.2443



3.6840, 3.7009, 3.8625



8.0829, 4.1671, 0.3783



39.3888, 20.3061, 1.8434

Inverse Universe

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



14.7503, 17.0118, 19.9589



25.4895, 29.9869, 35.6977



13.4637, 14.4388, 19.5301



3.7833, 4.1552, 4.6929



10.5449, 15.4295, 20.9650



51.3862, 75.1890, 102.1649

Previews

White Background



This preview shows how the XYZ color 13.9019, 13.1322, 12.8684 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 13.9019, 13.1322, 12.8684 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 13.9019, 13.1322, 12.8684

Background



This preview shows how black text looks on a background with the XYZ color 13.9019, 13.1322, 12.8684.



This preview shows how white text looks on a background with the XYZ color 13.9019, 13.1322,

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

13.9019, 13.1322, 12.8684

Protanopia

12.6147, 13.1513, 13.6780

Deuteranopia

13.4184, 13.1573, 12.8987



Tritanopia

14.2362, 13.1368, 14.3557

Trichromacy



Original Color

13.9019, 13.1322, 12.8684

Protanomaly

12.9731, 13.0567, 13.3917

Deuteranomaly

13.5885, 13.1069, 12.8800

Tritanomaly

14.1382, 13.0976, 13.8395

Monochromacy



Original Color

13.9019, 13.1322, 12.8684

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1641, 13.2857, 13.9272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9019, 13.1322, 12.8684 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(119, 96, 96)` looks like.

```
.text, #text, p{  
    color:rgb(119, 96, 96)  
}
```

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(119, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 96, 96) }
```

Border

The CSS property to change the border of an element to XYZ 13.9019, 13.1322, 12.8684 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(119, 96, 96) }
```


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

```
.border{ border-color:rgb(119, 96, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 96, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 96, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 96, 96);  
box-shadow:4px 4px 4px 4px rgb(119, 96,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9019, 13.1322, 12.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 96, 96) }
```

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

```
.background{ background-color: rgb(119, 96,  
96) }
```

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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