

Converting Colors

XYZ(14.6538, 14.7633, 12.1567)

Have a look what the booklet for
XYZ(14.6538, 14.7633, 12.1567)
contains.

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Color

**XYZ(14.7291, 14.8689,
12.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	78695C
RGB	120, 105, 92
RGB Percent	47%, 41%, 36%
CMY	0.5294, 0.5882, 0.6392
CMYK	0.00, 0.12, 0.23, 0.53
HSL	28°, 13%, 42%
HSV	28°, 23%, 47%
XYZ	14.7291, 14.8689, 12.2189
YIQ	108.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

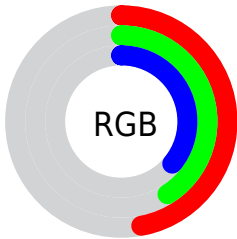
Format	Color
RYB	120, 116, 92
Decimal	7891292
CIELab	45.45, 3.68, 9.49
CIELCh	45, 10.174, 68.816
Yxy	14.8689, 0.3522, 0.3556
Android (android.graphics.Color)	4286081372 (0xFF78695C)
YUV	108.0030, -7.8895, 10.5214
Hunter-Lab	38.5602, 0.7025, 8.2044

Details

The XYZ color **14.7291, 14.8689, 12.2189** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0615, 14.1466, 19.8117**, and the grayscale version is **14.2739, 15.0172, 16.3538**.

A 20% lighter version of the original color is **34.0045, 34.6142, 30.4802**, and **4.6047, 4.5630, 3.2228** is the 20% darker color. If you saturate the color by 10%, you get **13.6155, 13.4157, 9.4615**, and if you desaturate by 10%, it is **15.9761, 16.4557, 15.4312**.

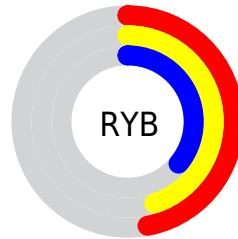
Distribution



Red (47%)

Green (41%)

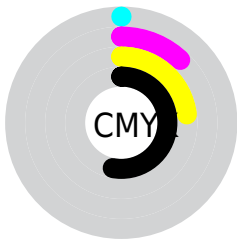
Blue (36%)



Red (47%)

Yellow (45%)

Blue (36%)

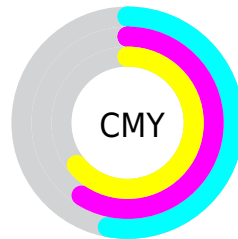


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7291, 14.8689, 12.2189 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 14.7291, 14.8689, 12.2189 by changing the saturation by 10% instead.

■ 14.7291, 14.8689,
12.2189

■ 14.7291, 14.8689,
12.2189

215.1417,
222.5713, 216.8782

■ 8.7146, 8.7274,
6.7686

■ 33.9528, 34.6230,
30.5635

■ 4.6111, 4.5638,
3.2416

■ 47.8927, 49.0045,
44.2949

■ 2.0533, 1.9937,
1.2193

■ 65.2051, 66.9014,
61.6237

■ 0.6636, 0.6038,
0.0000

■ 86.2553, 88.6981,
82.9685

■ 0.0000, 0.0000,
0.0000

111.4087,
114.7791, 108.7478

141.0306,

145.5287, 139.3802

175.4865,
181.3313, 175.2841

■ 14.7291, 14.8689,
12.2189

■ 14.7291, 14.8689,
12.2189

■ 13.6155, 13.4157,
9.4615

■ 15.9761, 16.4557,
15.4312

■ 12.6292, 12.0903,
7.1370

■ 17.3600, 18.1776,
19.1170

■ 11.7651, 10.8895,
5.2233

■ 18.8857, 20.0388,
23.2949

■ 11.0175, 9.8091,
3.6956

■ 20.5574, 22.0424,
27.9825

■ 10.3802, 8.8447,
2.5266

■ 22.3792, 24.1917,
33.1963

■ 9.8459, 7.9913,
1.6854

■ 24.3549, 26.4898,
38.9520

■ 9.4060, 7.2433,
1.1321

■ 26.4883, 28.9395,
45.2648

■ 9.1466, 6.7947,
0.8294

■ 28.7829, 31.5437,
52.1493

■ 31.2423, 34.3053,
59.6195

Harmonies

Analogous

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



15.4396, 14.8689, 13.4388



14.7291, 14.8689, 12.2189



13.8843, 14.8689, 12.0046

Triad

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



14.7291, 14.8689, 12.2189



12.5836, 14.8689, 16.9150



15.1779, 14.8689, 20.1021

Complementary

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



14.7291, 14.8689, 12.2189



13.0615, 14.1466, 19.8117

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.



14.3835, 14.8689, 21.2494



14.7291, 14.8689, 12.2189



12.9012, 14.8689, 19.2925

Square

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



14.7291, 14.8689, 12.2189



12.6678, 14.8689, 14.5622



13.5521, 14.8689, 20.9392



15.7058, 14.8689, 17.9341

Rectangle

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



14.7291, 14.8689, 12.2189



13.3620, 14.8689, 12.4377



13.5521, 14.8689, 20.9392



14.9320, 14.8689, 20.6293

Sweetspot

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



14.7295, 14.8696, 12.2192



29.5695, 30.7797, 31.0340



14.2480, 12.7176, 15.7245



6.9834, 7.2643, 7.2899



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.



14.7295, 14.8696, 12.2192



24.8290, 24.7553, 18.7977



16.2270, 17.8646, 12.7184



4.1374, 4.2933, 4.2351



9.9643, 7.3845, 0.9002



46.6959, 33.5552, 4.0157

Inverse Universe

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



13.0615, 14.1466, 19.8117



21.3537, 23.2484, 34.6150



11.7536, 11.5307, 19.3757



3.9588, 4.2159, 5.0483



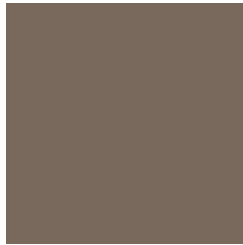
5.7014, 5.4852, 20.1435



26.3372, 24.4470, 95.8004

Previews

White Background



This preview shows how the XYZ color 14.7291, 14.8689, 12.2189 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 14.7291, 14.8689, 12.2189 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

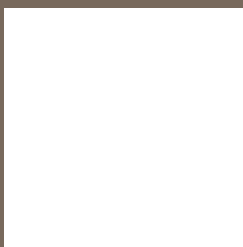
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7291, 14.8689, 12.2189

Background



This preview shows how black text looks on a background with the XYZ color 14.7291, 14.8689, 12.2189.

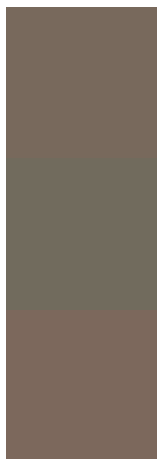


This preview shows how white text looks on a background with the XYZ color 14.7291, 14.8689,

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

14.7291, 14.8689, 12.2189

Protanopia

14.0435, 14.8164, 12.4756

Deuteranopia

15.1943, 14.9584, 12.2117



Tritanopia

15.5919, 14.7661, 16.7802

Trichromacy



Original Color

14.7291, 14.8689, 12.2189

Protanomaly

14.3323, 14.8114, 12.4594

Deuteranomaly

15.0505, 14.8843, 12.2049

Tritanomaly

15.1836, 14.7447, 14.8777

Monochromacy



Original Color

14.7291, 14.8689, 12.2189

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3381, 14.9194, 14.6944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7291, 14.8689, 12.2189 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, 105, 92)` looks like.

```
.text, #text, p{  
    color:rgb(120, 105, 92)  
}
```

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, 105, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 105, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.7291, 14.8689, 12.2189 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, 105, 92) }
```


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

```
.border{ border-color:rgb(120, 105, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 105, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 105, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 105, 92);  
box-shadow:4px 4px 4px 4px rgb(120, 105,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7291, 14.8689, 12.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 105, 92) }
```

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

```
.background{ background-color: rgb(120,  
105, 92) }
```

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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