

Converting Colors

XYZ(14.1874, 12.6490, 10.4985)

Have a look what the booklet for
XYZ(14.1874, 12.6490, 10.4985)
contains.

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Color

**XYZ(14.1732, 12.6661,
10.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5B56
RGB	127, 91, 86
RGB Percent	50%, 36%, 34%
CMY	0.5020, 0.6431, 0.6627
CMYK	0.00, 0.28, 0.32, 0.50
HSL	7°, 19%, 42%
HSV	7°, 32%, 50%
XYZ	14.1732, 12.6661, 10.5019
YIQ	101.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

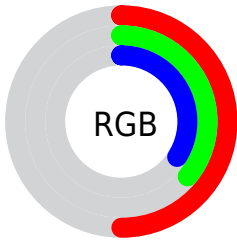
Format	Color
R_{YB}	127, 92, 86
Decimal	8346454
CIE _{Lab}	42.26, 14.04, 8.72
CIE _{LCh}	42, 16.528, 31.845
Yxy	12.6661, 0.3796, 0.3392
Android (android.graphics.Color)	4286536534 (0xFF7F5B56)
YUV	101.1940, -7.4906, 22.6319
Hunter-Lab	35.5895, 8.8045, 7.4171

Details

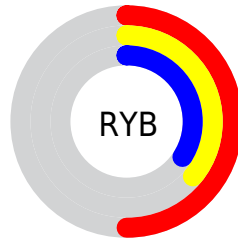
The XYZ color **14.1732, 12.6661, 10.5019** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.6278, 17.4292, 22.6719**, and the grayscale version is **12.4347, 13.0822, 14.2465**.

A 20% lighter version of the original color is **33.0249, 30.6511, 27.4682**, and **4.3992, 3.6146, 2.5637** is the 20% darker color. If you saturate the color by 10%, you get **12.8229, 10.7129, 7.7477**, and if you desaturate by 10%, it is **15.7568, 14.9402, 13.7828**.

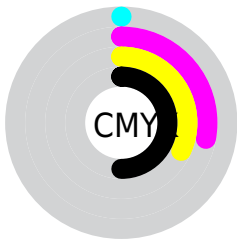
Distribution



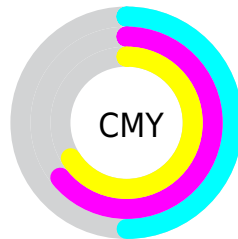
- Red (50%)
- Green (36%)
- Blue (34%)



- Red (50%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (50%)





- Cyan (50%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1732, 12.6661, 10.5019 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 14.1732, 12.6661, 10.5019 by changing the saturation by 10% instead.


 14.1732, 12.6661,
10.5019

 14.1732, 12.6661,
10.5019


211.7948,
208.7665, 204.8309


 8.3237, 7.1990,
5.6230


 32.9797, 30.7026,
27.3578


 4.3563, 3.5869,
2.5522

 46.6675, 44.0408,
40.1719


 1.9056, 1.4453,
0.8676

 63.6988, 60.7715,
56.4681

 0.5801, 0.2497,
0.0000

 84.4389, 81.2792,
76.6651

 0.0000, 0.0000,
0.0000

 109.2532,
105.9481, 101.1813

138.5070,

135.1627, 130.4353

172.5658,
169.3074, 164.8457

■ 14.1732, 12.6661,
10.5019

■ 14.1732, 12.6661,
10.5019

■ 12.8229, 10.7129,
7.7477

■ 15.7568, 14.9402,
13.7828

■ 11.6939, 9.0644,
5.4920

■ 17.5829, 17.5468,
17.6150

■ 10.7744, 7.7058,
3.7051

■ 19.6616, 20.4993,
22.0227


■ 10.0515, 6.6201,
2.3538


■ 22.0021, 23.8097,
27.0282


■ 9.5106, 5.7888,
1.4007


■ 24.6130, 27.4894,
32.6526


 9.1348, 5.1910,
0.8019

 27.5026, 31.5493,
38.9162

 8.9303, 4.8679,
0.4689

 30.6789, 36.0000,
45.8381

 34.1495, 40.8516,
53.4369

 37.9216, 46.1136,
61.7302

Harmonies

Analogous

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



14.5745, 12.6661, 13.5732



14.1732, 12.6661, 10.5019



13.1957, 12.6661, 8.6173

Triad

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



14.1732, 12.6661, 10.5019



10.0621, 12.6661, 10.8217



12.1154, 12.6661, 21.7765

Complementary

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



14.1732, 12.6661, 10.5019



14.6278, 17.4292, 22.6719

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.



10.9515, 12.6661, 20.7069



14.1732, 12.6661, 10.5019



9.8156, 12.6661, 14.0116

Square

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



14.1732, 12.6661, 10.5019



10.8275, 12.6661, 8.7785



10.1301, 12.6661, 17.7043



13.3371, 12.6661, 20.4209

Rectangle

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



14.1732, 12.6661, 10.5019



12.3791, 12.6661, 8.0900



10.1301, 12.6661, 17.7043



11.7047, 12.6661, 21.6881

Sweetspot

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



14.1735, 12.6667, 10.5022



32.2107, 32.4524, 33.0733



15.6066, 12.5783, 20.0882



7.4428, 7.4576, 7.5349



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1735, 12.6667, 10.5022



23.4959, 19.9579, 14.9535



16.1476, 16.6148, 11.1602



4.3668, 4.4223, 4.5436



9.0059, 4.9081, 0.4727



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6278, 17.4292, 22.6719



24.4423, 29.9237, 40.4439



12.3922, 12.9580, 21.9267



4.4031, 4.8002, 5.5077



9.6513, 13.1210, 22.2739



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1732, 12.6661, 10.5019 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 14.1732, 12.6661, 10.5019 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 14.1732, 12.6661, 10.5019

Background



This preview shows how black text looks on a background with the XYZ color 14.1732, 12.6661, 10.5019.



This preview shows how white text looks on a background with the XYZ color 14.1732, 12.6661,

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

14.1732, 12.6661, 10.5019

Protanopia

12.1116, 12.7956, 11.5043

Deuteranopia

12.8928, 12.6665, 10.3597



Tritanopia

14.5858, 12.5785, 12.7255

Trichromacy



Original Color

14.1732, 12.6661, 10.5019

Protanomaly

12.7600, 12.7154, 11.2330

Deuteranomaly

13.2501, 12.5832, 10.3248

Tritanomaly

14.4900, 12.6742, 11.8079

Monochromacy



Original Color

14.1732, 12.6661, 10.5019

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8164, 12.7089, 12.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1732, 12.6661, 10.5019 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(127, 91, 86)` looks like.

```
.text, #text, p{  
    color:rgb(127, 91, 86)  
}
```

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(127, 91, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 91, 86) }
```

Border

The CSS property to change the border of an element to XYZ 14.1732, 12.6661, 10.5019 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(127, 91, 86) }
```


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

```
.border{ border-color:rgb(127, 91, 86) }
```

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

Here you see how a box with a 4 pixel rgb(127, 91, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 91, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 91, 86);  
box-shadow:4px 4px 4px 4px rgb(127, 91,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1732, 12.6661, 10.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 91, 86) }
```

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

```
.background{ background-color: rgb(127, 91,  
86) }
```

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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