

Converting Colors

XYZ(17.1507, 14.6590, 12.5713)

Have a look what the booklet for
XYZ(17.1507, 14.6590, 12.5713)
contains.

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Color

**XYZ(17.0971, 14.6553,
12.5173)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5F5E
RGB	141, 95, 94
RGB Percent	55%, 37%, 37%
CMY	0.4471, 0.6274, 0.6314
CMYK	0.00, 0.33, 0.33, 0.45
HSL	1°, 20%, 46%
HSV	1°, 33%, 55%
XYZ	17.0971, 14.6553, 12.5173
YIQ	108.6400, 27.7370, 9.4410

Conversions

Conversions Part 2

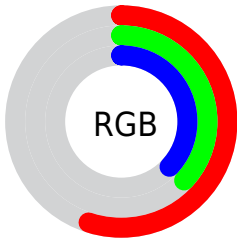
Format	Color
R_{YB}	141, 95, 94
Decimal	9264990
CIE Lab	45.16, 18.63, 8.20
CIE LCh	45, 20.358, 23.746
Yxy	14.6553, 0.3862, 0.3310
Android (android.graphics.Color)	4287455070 (0xFF8D5F5E)
YUV	108.6400, -7.2175, 28.3797
Hunter-Lab	38.2822, 12.7253, 7.4113

Details

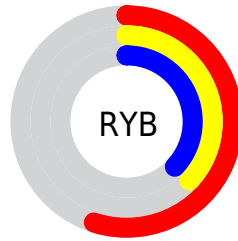
The XYZ color **17.0971, 14.6553, 12.5173** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8015, 23.0581, 28.6591**, and the grayscale version is **14.4485, 15.2010, 16.5539**.

A 20% lighter version of the original color is **38.0779, 34.3071, 31.0006**, and **5.7103, 4.4512, 3.3545** is the 20% darker color. If you saturate the color by 10%, you get **15.3865, 12.1558, 9.1055**, and if you desaturate by 10%, it is **19.1443, 17.6429, 16.6119**.

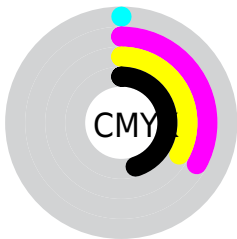
Distribution



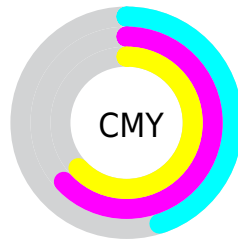
- Red (55%)
- Green (37%)
- Blue (37%)



- Red (55%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0971, 14.6553, 12.5173 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 17.0971, 14.6553, 12.5173 by changing the saturation by 10% instead.

■ 17.0971, 14.6553,
12.5173

■ 17.0971, 14.6553,
12.5173

228.8767,
221.2703, 218.8986

■ 10.3995, 8.5778,
6.9702

■ 38.0349, 34.2473,
31.1122

■ 5.7289, 4.4669,
3.3653

■ 53.0058, 48.5307,
44.9971

■ 2.7200, 1.9380,
1.2841

■ 71.4652, 66.3181,
62.4983

■ 1.0075, 0.5711,
0.0487

■ 93.7784, 87.9940,
84.0344

■ 0.0000, 0.0000,
0.0000

120.3108,
113.9428, 110.0240

151.4278,

144.5488, 140.8855

187.4946,
180.1965, 177.0375

■ 17.0971, 14.6553,
12.5173

■ 17.0971, 14.6553,
12.5173

■ 15.3865, 12.1558,
9.1055

■ 19.1443, 17.6429,
16.6119

■ 13.9934, 10.1164,
6.3386

■ 21.5435, 21.1402,
21.4226

■ 12.8986, 8.5098,
4.1763

■ 24.3106, 25.1704,
26.9818

■ 12.0803, 7.3047,
2.5734

■ 27.4602, 29.7543,
33.3195

■ 11.5138, 6.4658,
1.4783

■ 31.0060, 34.9118,
40.4640

■ 11.1701, 5.9514,
0.8300

■ 34.9612, 40.6618,
48.4423

■ 11.0172, 5.7281,
0.5250

■ 39.3381, 47.0223,
57.2801

■ 44.1489, 54.0105,
67.0020

■ 49.4050, 61.6430,
77.6317

Harmonies

Analogous

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



17.3899, 14.6553, 16.9853



17.0971, 14.6553, 12.5173



15.9264, 14.6553, 9.6043

Triad

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



17.0971, 14.6553, 12.5173



11.4857, 14.6553, 11.0918



13.5808, 14.6553, 27.0204

Complementary

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



17.0971, 14.6553, 12.5173



18.8015, 23.0581, 28.6591

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.



12.1068, 14.6553, 24.6307



17.0971, 14.6553, 12.5173



10.9614, 14.6553, 14.9713

Square

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



17.0971, 14.6553, 12.5173



12.6699, 14.6553, 8.9042



11.1794, 14.6553, 19.9756



15.2698, 14.6553, 26.0001

Rectangle

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



17.0971, 14.6553, 12.5173



14.8524, 14.6553, 8.6272



11.1794, 14.6553, 19.9756



13.0455, 14.6553, 26.5762

Sweetspot

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



17.0975, 14.6560, 12.5176



40.0543, 40.0052, 41.3226



19.7369, 15.5681, 26.8595



8.8146, 8.7436, 8.9653



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.0975, 14.6560, 12.5176



28.2588, 22.7986, 17.7087



19.5168, 19.4947, 13.3240



5.4175, 5.4414, 5.6541



10.0471, 5.2260, 0.4792



0.0975, 0.0529, 0.0051

Inverse Universe

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



18.8015, 23.0581, 28.6591



31.7948, 40.2384, 51.2189



15.7523, 16.9596, 27.6426



5.5505, 6.0968, 6.9130



12.6711, 18.3281, 25.8469



0.1232, 0.1793, 0.2478

Previews

White Background



This preview shows how the XYZ color 17.0971, 14.6553, 12.5173 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 17.0971, 14.6553, 12.5173 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 17.0971, 14.6553, 12.5173

Background



This preview shows how black text looks on a background with the XYZ color 17.0971, 14.6553, 12.5173.

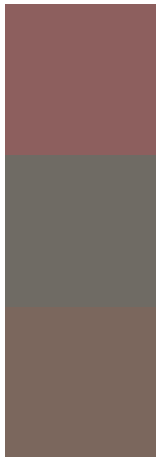


This preview shows how white text looks on a background with the XYZ color 17.0971, 14.6553,

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

17.0971, 14.6553, 12.5173

Protanopia

14.1135, 14.8150, 14.1723

Deuteranopia

14.9944, 14.7018, 12.4034



Tritanopia

17.5070, 14.6958, 14.2258

Trichromacy



Original Color

17.0971, 14.6553, 12.5173

Protanomaly

15.0809, 14.7199, 13.6017

Deuteranomaly

15.7389, 14.6505, 12.3542

Tritanomaly

17.3626, 14.6380, 13.4656

Monochromacy



Original Color

17.0971, 14.6553, 12.5173

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.3342, 14.9651, 15.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0971, 14.6553, 12.5173 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(141, 95, 94)` looks like.

```
.text, #text, p{  
    color:rgb(141, 95, 94)  
}
```

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(141, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 95, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.0971, 14.6553, 12.5173 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(141, 95, 94) }
```


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

```
.border{ border-color:rgb(141, 95, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 95, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(141, 95,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0971, 14.6553, 12.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 95, 94) }
```

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

```
.background{ background-color: rgb(141, 95,  
94) }
```

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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