

Converting Colors

XYZ(14.4071, 13.2235, 13.0216)

Have a look what the booklet for
XYZ(14.4071, 13.2235, 13.0216)
contains.

XYZ(14.4183, 13.2584, 13.1085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4183, 13.2584,
13.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5F61
RGB	123, 95, 97
RGB Percent	48%, 37%, 38%
CMY	0.5176, 0.6274, 0.6196
CMYK	0.00, 0.23, 0.21, 0.52
HSL	356°, 13%, 43%
HSV	356°, 23%, 48%
XYZ	14.4183, 13.2584, 13.1085
YIQ	103.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

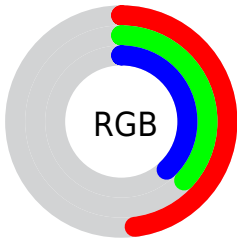
Format	Color
RYB	123, 95, 97
Decimal	8085345
CIELab	43.15, 11.71, 3.23
CIElCh	43, 12.142, 15.415
Yxy	13.2584, 0.3535, 0.3251
Android (android.graphics.Color)	4286275425 (0xFF7B5F61)
YUV	103.6000, -3.2538, 17.0138
Hunter-Lab	36.4121, 6.9605, 4.1438

Details

The XYZ color **14.4183, 13.2584, 13.1085** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2540, 17.9797, 20.7565**, and the grayscale version is **13.0570, 13.7370, 14.9596**.

A 20% lighter version of the original color is **33.5287, 31.9260, 32.4122**, and **4.5199, 3.8915, 3.6449** is the 20% darker color. If you saturate the color by 10%, you get **12.9018, 11.0172, 10.1619**, and if you desaturate by 10%, it is **16.1872, 15.8814, 16.5180**.

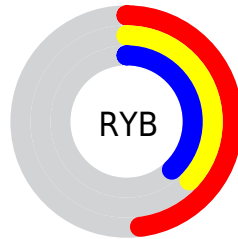
Distribution



Red (48%)

Green (37%)

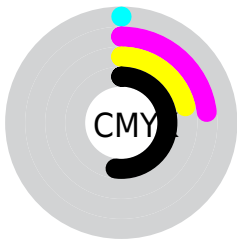
Blue (38%)



Red (48%)

Yellow (37%)

Blue (38%)

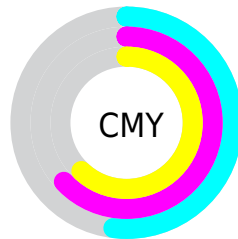


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (52%)



Cyan (52%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4183, 13.2584, 13.1085 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 14.4183, 13.2584, 13.1085 by changing the saturation by 10% instead.

■ 14.4183, 13.2584,
13.1085

■ 14.4183, 13.2584,
13.1085

213.2767,
212.5671, 222.8441

■ 8.4958, 7.6067,
7.3717

■ 33.4095, 31.7672,
32.1926

■ 4.4683, 3.8443,
3.6137

■ 47.2090, 45.3932,
46.3770

■ 1.9703, 1.5869,
1.4159

■ 64.3648, 62.4460,
64.2143

■ 0.6172, 0.3487,
0.1541

■ 85.2423, 83.3101,
86.1231

■ 0.0000, 0.0000,
0.0000

110.2069,
108.3699, 112.5220

139.6239,

138.0097, 143.8294

173.8588,
172.6140, 180.4639

■ 14.4183, 13.2584,
13.1085

■ 14.4183, 13.2584,
13.1085

■ 12.9018, 11.0172,
10.1619

■ 16.1872, 15.8814,
16.5180

■ 11.6252, 9.1384,
7.6574

■ 18.2181, 18.9009,
20.4082

■ 10.5765, 7.6034,
5.5739

■ 20.5215, 22.3332,
24.7971

■ 9.7422, 6.3914,
3.8883

■ 23.1070, 26.1929,
29.7015

■ 9.1075, 5.4793,
2.5752

■ 25.9837, 30.4940,
35.1373

■ 8.6556, 4.8409,
1.6063

■ 29.1602, 35.2499,
41.1199

■ 8.3667, 4.4449,
0.9491

■ 32.6449, 40.4734,
47.6639

■ 8.2166, 4.2303,
0.6355

■ 36.4458, 46.1768,
54.7835

■ 40.5706, 52.3718,
62.4923

Harmonies

Analogous

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



14.4257, 13.2584, 15.7740



14.4183, 13.2584, 13.1085



13.9083, 13.2584, 11.0664

Triad

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



14.4183, 13.2584, 13.1085



11.3624, 13.2584, 11.1106



12.1537, 13.2584, 20.0234

Complementary

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



14.4183, 13.2584, 13.1085



15.2540, 17.9797, 20.7565

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.



11.3796, 13.2584, 18.4287



14.4183, 13.2584, 13.1085



10.9384, 13.2584, 13.1762

Square

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



14.4183, 13.2584, 13.1085



12.1292, 13.2584, 10.0140



10.9445, 13.2584, 15.8505



13.0864, 13.2584, 19.9994

Rectangle

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



14.4183, 13.2584, 13.1085



13.3657, 13.2584, 10.2366



10.9445, 13.2584, 15.8505



11.8674, 13.2584, 19.6510

Sweetspot

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



14.4187, 13.2590, 13.1088



30.9608, 31.3726, 33.3654



15.5063, 13.6560, 20.5578



7.2544, 7.3333, 7.7867



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.4187, 13.2590, 13.1088



24.4335, 21.6925, 20.7866



15.4574, 15.4837, 13.0011



4.0088, 4.0193, 4.2442



8.4990, 4.3758, 0.6527



40.4174, 20.8233, 2.4621

Inverse Universe

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



14.4187, 13.2590, 13.1088



24.4335, 21.6925, 20.7866



14.0159, 15.3052, 20.9547



4.0088, 4.0193, 4.2442



8.4990, 4.3758, 0.6527



40.4174, 20.8233, 2.4621

Previews

White Background



This preview shows how the XYZ color 14.4183, 13.2584, 13.1085 looks on a white background.

Color Contrast Check

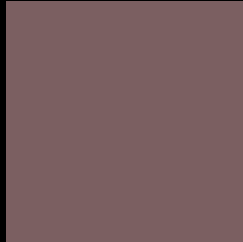
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4183, 13.2584, 13.1085 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 14.4183, 13.2584, 13.1085

Background



This preview shows how black text looks on a background with the XYZ color 14.4183, 13.2584, 13.1085.



This preview shows how white text looks on a background with the XYZ color 14.4183, 13.2584,

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

14.4183, 13.2584, 13.1085

Protanopia

12.8093, 13.3854, 14.2204

Deuteranopia

13.5126, 13.3456, 12.9301



Tritanopia

14.7132, 13.2498, 14.3524

Trichromacy



Original Color

14.4183, 13.2584, 13.1085

Protanomaly

13.3176, 13.2233, 13.9070

Deuteranomaly

13.8151, 13.3618, 12.9173

Tritanomaly

14.6151, 13.2106, 13.8362

Monochromacy



Original Color

14.4183, 13.2584, 13.1085

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5582, 13.6265, 14.2275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4183, 13.2584, 13.1085 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(123, 95, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 95, 97)  
}
```

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(123, 95, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 95, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.4183, 13.2584, 13.1085 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(123, 95, 97) }
```


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

```
.border{ border-color:rgb(123, 95, 97) }
```

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

Here you see how a box with a 4 pixel rgb(123, 95, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 95, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 95, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 95,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4183, 13.2584, 13.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 95, 97) }
```

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

```
.background{ background-color: rgb(123, 95,  
97) }
```

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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