

Converting Colors

XYZ(14.7525, 13.1012, 8.7554)

Have a look what the booklet for
XYZ(14.7525, 13.1012, 8.7554)
contains.

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Color

**XYZ(14.8396, 13.1767,
8.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	855C4D
RGB	133, 92, 77
RGB Percent	52%, 36%, 30%
CMY	0.4784, 0.6392, 0.6980
CMYK	0.00, 0.31, 0.42, 0.48
HSL	16°, 27%, 41%
HSV	16°, 42%, 52%
XYZ	14.8396, 13.1767, 8.7824
YIQ	102.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

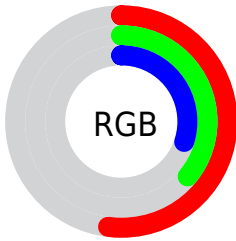
Format	Color
R_{YB}	133, 97, 77
Decimal	8739917
CIE _{Lab}	43.03, 14.80, 15.36
CIE _{LCh}	43, 21.331, 46.058
Yxy	13.1767, 0.4033, 0.3581
Android (android.graphics.Color)	4286929997 (0xFF855C4D)
YUV	102.5490, -12.5957, 26.7055
Hunter-Lab	36.2997, 9.4476, 11.0651

Details

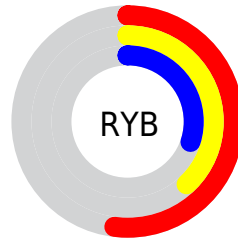
The XYZ color **14.8396, 13.1767, 8.7824** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.7724, 16.2274, 24.5967**, and the grayscale version is **12.8002, 13.4668, 14.6654**.

A 20% lighter version of the original color is **34.1779, 31.5437, 24.0258**, and **4.6448, 3.8131, 1.9300** is the 20% darker color. If you saturate the color by 10%, you get **13.6273, 11.4283, 6.2936**, and if you desaturate by 10%, it is **16.2571, 15.1817, 11.8136**.

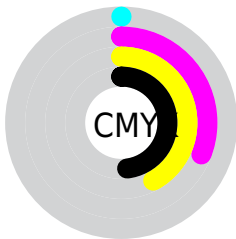
Distribution



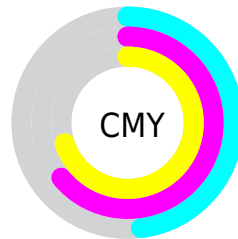
- Red (52%)
- Green (36%)
- Blue (30%)



- Red (52%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8396, 13.1767, 8.7824 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 14.8396, 13.1767, 8.7824 by changing the saturation by 10% instead.

■ 14.8396, 13.1767,
8.7824

■ 14.8396, 13.1767,
8.7824

215.8010,
212.0470, 191.9041

■ 8.7925, 7.5503,
4.5047

■ 34.1455, 31.6209,
24.0496

■ 4.6621, 3.8086,
1.9061

■ 48.1350, 45.2075,
35.8761

■ 2.0831, 1.5671,
0.4966

■ 65.5027, 62.2163,
51.0559

■ 0.6800, 0.3353,
0.0000

■ 86.6139, 83.0316,
70.0077

■ 0.0000, 0.0000,
0.0000

■ 111.8339,
108.0380, 93.1498

141.5282,

137.6198, 120.9009

176.0621,
172.1613, 153.6795

■ 14.8396, 13.1767,
8.7824

■ 14.8396, 13.1767,
8.7824

■ 13.6273, 11.4283,
6.2936

■ 16.2571, 15.1817,
11.8136

■ 12.6091, 9.9239,
4.3141

■ 17.8880, 17.4513,
15.4163

■ 11.7745, 8.6529,
2.8082

■ 19.7413, 19.9954,
19.6181

■ 11.1114, 7.6031,
1.7352

■ 21.8253, 22.8230,
24.4448

■ 10.6060, 6.7607,
1.0476

■ 24.1477, 25.9427,
29.9207

■ 10.2927, 6.2262,
0.6593

■ 26.7159, 29.3624,
36.0687

■ 29.5369, 33.0901,
42.9105

■ 32.6175, 37.1333,
50.4671

■ 35.9642, 41.4992,
58.7584

Harmonies

Analogous

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



15.8016, 13.1767, 11.9937



14.8396, 13.1767, 8.7824



13.2985, 13.1767, 7.2519

Triad

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



14.8396, 13.1767, 8.7824



9.7088, 13.1767, 12.2815



13.4157, 13.1767, 24.8801

Complementary

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



14.8396, 13.1767, 8.7824



13.7724, 16.2274, 24.5967

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.



11.7803, 13.1767, 25.0047



14.8396, 13.1767, 8.7824



9.7343, 13.1767, 16.9901

Square

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



14.8396, 13.1767, 8.7824



10.3901, 13.1767, 8.9533



10.4629, 13.1767, 21.8727



14.9319, 13.1767, 21.5621

Rectangle

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



14.8396, 13.1767, 8.7824



12.1946, 13.1767, 7.1160



10.4629, 13.1767, 21.8727



12.8594, 13.1767, 25.3180

Sweetspot

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



14.8399, 13.1773, 8.7827



34.9362, 35.2389, 34.1782



15.6008, 11.6040, 18.5779



7.7215, 7.7348, 7.3595



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8399, 13.1773, 8.7827



24.3928, 20.4499, 11.2488



17.7209, 18.9394, 9.7430



4.7666, 4.8768, 4.9195



9.8100, 5.9426, 0.6300



0.0393, 0.0313, 0.0040

Inverse Universe

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



13.7724, 16.2274, 24.5967



22.1845, 26.6817, 43.7192



10.9561, 10.5950, 23.6579



4.6989, 5.0734, 5.9324



8.1436, 9.8349, 22.6058



0.0342, 0.0461, 0.0803

Previews

White Background



This preview shows how the XYZ color 14.8396, 13.1767, 8.7824 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 14.8396, 13.1767, 8.7824 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

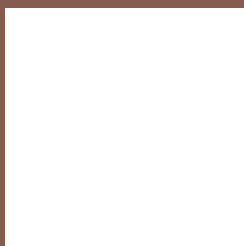
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8396, 13.1767, 8.7824

Background



This preview shows how black text looks on a background with the XYZ color 14.8396, 13.1767, 8.7824.



This preview shows how white text looks on a background with the XYZ color 14.8396, 13.1767,

8.7824.

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

14.8396, 13.1767, 8.7824

Protanopia

12.4209, 13.2850, 9.6942

Deuteranopia

13.4179, 13.2502, 8.6878



Tritanopia

15.6754, 13.1402, 12.7765

Trichromacy



Original Color

14.8396, 13.1767, 8.7824

Protanomaly

13.1518, 13.0965, 9.4241

Deuteranomaly

13.9448, 13.2475, 8.6595

Tritanomaly

15.2909, 13.1019, 11.1742

Monochromacy



Original Color

14.8396, 13.1767, 8.7824

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4217, 13.3092, 12.4512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8396, 13.1767, 8.7824 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(133, 92, 77)` looks like.

```
.text, #text, p{  
    color:rgb(133, 92, 77)  
}
```

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(133, 92, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 92, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.8396, 13.1767, 8.7824 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(133, 92, 77) }
```


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

```
.border{ border-color:rgb(133, 92, 77) }
```

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

Here you see how a box with a 4 pixel rgb(133, 92, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 92, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 92, 77);  
box-shadow:4px 4px 4px 4px rgb(133, 92,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8396, 13.1767, 8.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 92, 77) }
```

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

```
.background{ background-color: rgb(133, 92,  
77) }
```

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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