

Converting Colors

XYZ(16.2865, 13.9641, 12.1509)

Have a look what the booklet for
XYZ(16.2865, 13.9641, 12.1509)
contains.

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Color

**XYZ(16.3714, 14.0223,
12.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5D5D
RGB	138, 93, 93
RGB Percent	54%, 36%, 36%
CMY	0.4588, 0.6353, 0.6353
CMYK	0.00, 0.33, 0.33, 0.46
HSL	0°, 19%, 45%
HSV	0°, 33%, 54%
XYZ	16.3714, 14.0223, 12.1996
YIQ	106.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

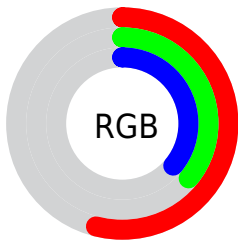
Format	Color
R_{YB}	138, 93, 93
Decimal	9067869
CIE _{Lab}	44.26, 18.43, 7.49
CIE _{LCh}	44, 19.897, 22.104
Yxy	14.0223, 0.3844, 0.3292
Android (android.graphics.Color)	4287257949 (0xFF8A5D5D)
YUV	106.4550, -6.6333, 27.6650
Hunter-Lab	37.4464, 12.5084, 6.8964

Details

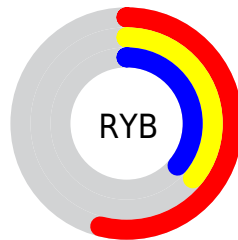
The XYZ color **16.3714, 14.0223, 12.1996** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1898, 22.3384, 27.3979**, and the grayscale version is **13.8374, 14.5580, 15.8537**.

A 20% lighter version of the original color is **36.9235, 33.2671, 30.4617**, and **5.3278, 4.1377, 3.2072** is the 20% darker color. If you saturate the color by 10%, you get **14.7106, 11.5923, 8.8977**, and if you desaturate by 10%, it is **18.3618, 16.9350, 16.1560**.

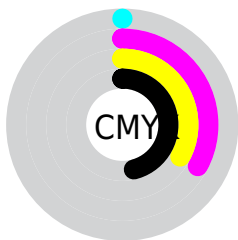
Distribution



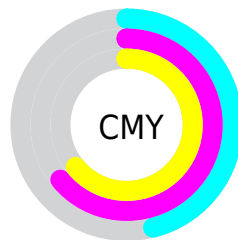
- Red (54%)
- Green (36%)
- Blue (36%)



- Red (54%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (46%)



- Cyan (46%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3714, 14.0223, 12.1996 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 16.3714, 14.0223, 12.1996 by changing the saturation by 10% instead.

■ 16.3714, 14.0223,
12.1996

■ 16.3714, 14.0223,
12.1996

224.7510,
217.3695, 216.7469

■ 9.8799, 8.1362,
6.7556

■ 36.7940, 33.1286,
30.5279

■ 5.3810, 4.1822,
3.2336

■ 51.4559, 47.1175,
44.2493

■ 2.5096, 1.7760,
1.2151

■ 69.5718, 64.5762,
61.5669

■ 0.9001, 0.4722,
0.0000

■ 91.5072, 85.8891,
82.8993

■ 0.0000, 0.0000,
0.0000

117.6275,
111.4404, 108.6649

148.2980,

141.6147, 139.2823

183.8840,
176.7962, 175.1701

■ 16.3714, 14.0223,
12.1996

■ 16.3714, 14.0223,
12.1996

■ 14.7106, 11.5923,
8.8977

■ 18.3618, 16.9350,
16.1560

■ 13.3607, 9.6169,
6.2141

■ 20.6971, 20.3522,
20.7985

■ 12.3027, 8.0686,
4.1108

■ 23.3930, 24.2970,
26.1579

■ 11.5149, 6.9159,
2.5449

■ 26.4638, 28.7904,
32.2627

■ 10.9730, 6.1229,
1.4677

■ 29.9231, 33.8523,
39.1398

■ 10.6480, 5.6473,
0.8217

■ 33.7839, 39.5016,
46.8150

■ 10.4814, 5.4035,
0.4906

■ 38.0583, 45.7563,
55.3127

■ 42.7583, 52.6336,
64.6564

■ 47.8951, 60.1501,
74.8685

Harmonies

Analogous

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



16.5973, 14.0223, 16.5048



16.3714, 14.0223, 12.1996



15.2988, 14.0223, 9.3397

Triad

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



16.3714, 14.0223, 12.1996



11.0542, 14.0223, 10.4893



12.9115, 14.0223, 25.7078

Complementary

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



16.3714, 14.0223, 12.1996



18.1898, 22.3384, 27.3979

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.



11.5338, 14.0223, 23.2879



16.3714, 14.0223, 12.1996



10.5186, 14.0223, 14.0944

Square

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



16.3714, 14.0223, 12.1996



12.2083, 14.0223, 8.4980



10.6869, 14.0223, 18.8118



14.5137, 14.0223, 24.9213

Rectangle

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



16.3714, 14.0223, 12.1996



14.2912, 14.0223, 8.3499



10.6869, 14.0223, 18.8118



12.4086, 14.0223, 25.2279

Sweetspot

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



16.3718, 14.0230, 12.1999



37.5612, 37.4531, 38.8061



18.9832, 15.0671, 25.9526



8.3014, 8.2200, 8.4587



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.3718, 14.0230, 12.1999



26.6861, 21.5396, 17.1866



18.6451, 18.5696, 12.9576



5.0329, 5.0486, 5.2616



9.6099, 4.9542, 0.4498



0.0638, 0.0329, 0.0030

Inverse Universe

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



18.1898, 22.3384, 27.3979



30.3978, 38.5166, 48.2155



15.2897, 16.5381, 26.4312



5.1728, 5.6886, 6.4312



12.5377, 18.3457, 24.9260



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 16.3714, 14.0223, 12.1996 looks on a white background.

Color Contrast Check

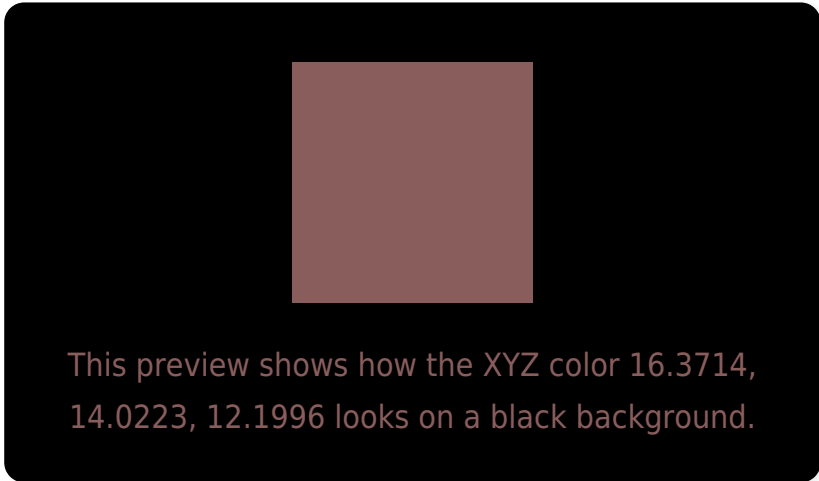
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 16.3714, 14.0223, 12.1996

Background



This preview shows how black text looks on a background with the XYZ color 16.3714, 14.0223, 12.1996.



This preview shows how white text looks on a background with the XYZ color 16.3714, 14.0223,

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

16.3714, 14.0223, 12.1996

Protanopia

13.4880, 14.1921, 13.8328

Deuteranopia

14.3312, 14.0731, 12.0863



Tritanopia

16.7267, 14.0441, 13.6336

Trichromacy



Original Color

16.3714, 14.0223, 12.1996

Protanomaly

14.4191, 14.0924, 13.2694

Deuteranomaly

15.0518, 14.0201, 12.0380

Tritanomaly

16.6323, 14.0063, 13.1361

Monochromacy



Original Color

16.3714, 14.0223, 12.1996

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4739, 14.0985, 14.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3714, 14.0223, 12.1996 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(138, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(138, 93, 93)  
}
```

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(138, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 93, 93) }
```

Border

The CSS property to change the border of an element to XYZ 16.3714, 14.0223, 12.1996 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(138, 93, 93) }
```


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

```
.border{ border-color:rgb(138, 93, 93) }
```

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

Here you see how a box with a 4 pixel rgb(138, 93, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(138, 93,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3714, 14.0223, 12.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 93, 93) }
```

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

```
.background{ background-color: rgb(138, 93,  
93) }
```

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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