

Converting Colors

XYZ(16.0795, 14.2092, 8.9200)

Have a look what the booklet for
XYZ(16.0795, 14.2092, 8.9200)
contains.

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Color

**XYZ(16.0792, 14.2092,
8.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5F4D
RGB	139, 95, 77
RGB Percent	55%, 37%, 30%
CMY	0.4549, 0.6274, 0.6980
CMYK	0.00, 0.32, 0.45, 0.45
HSL	17°, 29%, 42%
HSV	17°, 45%, 55%
XYZ	16.0792, 14.2092, 8.9164
YIQ	106.1040, 32.0020, 3.7300

Conversions

Conversions Part 2

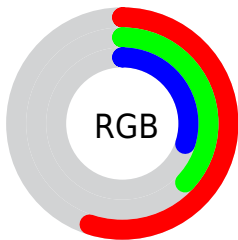
Format	Color
R_{YB}	139, 102, 77
Decimal	9133901
CIE _{Lab}	44.53, 15.62, 17.51
CIE _{LCh}	45, 23.468, 48.271
Yxy	14.2092, 0.4101, 0.3624
Android (android.graphics.Color)	4287323981 (0xFF8B5F4D)
YUV	106.1040, -14.3483, 28.8498
Hunter-Lab	37.6951, 10.1745, 12.3621

Details

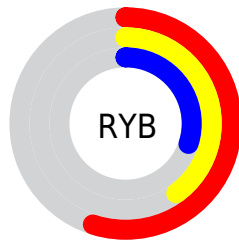
The XYZ color **16.0792, 14.2092, 8.9164** is a dark color, and the websafe version is hex **996666**, and the color name is **spicy mix**. A complement of this color would be **14.5578, 17.1159, 26.9624**, and the grayscale version is **13.7604, 14.4770, 15.7655**.

A 20% lighter version of the original color is **36.2929, 33.5335, 24.2984**, and **5.2619, 4.2499, 1.9818** is the 20% darker color. If you saturate the color by 10%, you get **14.8070, 12.3680, 6.3243**, and if you desaturate by 10%, it is **17.5696, 16.3188, 12.0990**.

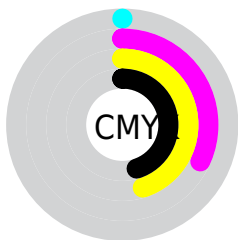
Distribution



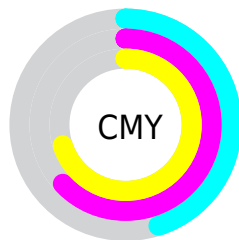
- Red (55%)
- Green (37%)
- Blue (30%)



- Red (55%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0792, 14.2092, 8.9164 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 16.0792, 14.2092, 8.9164 by changing the saturation by 10% instead.

■ 16.0792, 14.2092,
8.9164

■ 16.0792, 14.2092,
8.9164

223.0698,
218.5284, 192.9481

■ 9.6714, 8.2663,
4.5906

■ 36.2920, 33.4598,
24.3115

■ 5.2422, 4.2658,
1.9546

■ 50.8277, 47.5362,
36.2179

■ 2.4263, 1.8233,
0.5272

■ 68.8034, 65.0927,
51.4882

■ 0.8582, 0.5017,
0.0000

■ 90.5845, 86.5135,
70.5410

■ 0.0000, 0.0000,
0.0000

■ 116.5364,
112.1831, 93.7949

147.0243,

142.4858, 121.6683

182.4137,
177.8061, 154.5799

■ 16.0792, 14.2092,
8.9164

■ 16.0792, 14.2092,
8.9164

■ 14.8070, 12.3680,
6.3243

■ 17.5696, 16.3188,
12.0990

■ 13.7409, 10.7821,
4.2850

■ 19.2871, 18.7051,
15.9049

■ 12.8693, 9.4402,
2.7575

■ 21.2417, 21.3786,
20.3657

■ 12.1789, 8.3294,
1.6950

■ 23.4422, 24.3487,
25.5103

■ 11.6532, 7.4348,
1.0363

■ 25.8970, 27.6243,
31.3660

■ 11.4185, 7.0310,
0.7553

■ 28.6141, 31.2139,
37.9586

■ 31.6012, 35.1256,
45.3127

■ 34.8656, 39.3674,
53.4516

■ 38.4144, 43.9468,
62.3976

Harmonies

Analogous

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



17.2699, 14.2092, 12.4246



16.0792, 14.2092, 8.9164



14.2599, 14.2092, 7.3372

Triad

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



16.0792, 14.2092, 8.9164



10.2423, 14.2092, 13.4452



14.6804, 14.2092, 27.6489

Complementary

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



16.0792, 14.2092, 8.9164



14.5578, 17.1159, 26.9624

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.



12.7780, 14.2092, 28.1053



16.0792, 14.2092, 8.9164



10.3320, 14.2092, 18.9795

Square

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



16.0792, 14.2092, 8.9164



10.9642, 14.2092, 9.5124



11.2221, 14.2092, 24.6406



16.4118, 14.2092, 23.5100

Rectangle

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



16.0792, 14.2092, 8.9164



12.9880, 14.2092, 7.2709



11.2221, 14.2092, 24.6406



14.0364, 14.2092, 28.2685

Sweetspot

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



16.0796, 14.2099, 8.9167



38.5353, 38.9573, 37.6171



16.7792, 12.1880, 19.6970



8.7077, 8.7435, 8.2706



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.



16.0796, 14.2099, 8.9167



26.3981, 21.9748, 11.0912



19.3926, 20.8359, 10.0210



5.1435, 5.2699, 5.2985



10.3192, 6.3727, 0.6862



0.0799, 0.0651, 0.0083

Inverse Universe

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



14.5578, 17.1159, 26.9624



23.2737, 27.8618, 47.8942



11.4137, 10.8277, 25.9144



5.0522, 5.4474, 6.3910



8.2173, 9.7050, 23.4858



0.0672, 0.0897, 0.1602

Previews

White Background



This preview shows how the XYZ color 16.0792, 14.2092, 8.9164 looks on a white background.

Color Contrast Check

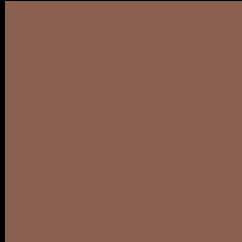
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0792, 14.2092, 8.9164 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 16.0792, 14.2092, 8.9164

Background



This preview shows how black text looks on a background with the XYZ color 16.0792, 14.2092, 8.9164.



This preview shows how white text looks on a background with the XYZ color 16.0792, 14.2092,

8.9164.

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

16.0792, 14.2092, 8.9164

Protanopia

13.3846, 14.2231, 10.0225

Deuteranopia

14.4156, 14.1891, 8.8165



Tritanopia

17.0638, 14.2179, 13.6493

Trichromacy



Original Color

16.0792, 14.2092, 8.9164

Protanomaly

14.1277, 14.0241, 9.5517

Deuteranomaly

14.9723, 14.1913, 8.7875

Tritanomaly

16.6179, 14.1595, 11.7547

Monochromacy



Original Color

16.0792, 14.2092, 8.9164

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2881, 14.1805, 12.8105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0792, 14.2092, 8.9164 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(139, 95, 77)` looks like.

```
.text, #text, p{  
    color:rgb(139, 95, 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(139, 95, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 95, 77) }
```

Border

The CSS property to change the border of an element to XYZ 16.0792, 14.2092, 8.9164 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(139, 95, 77) }
```


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

```
.border{ border-color:rgb(139, 95, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 95, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 95, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 95, 77);  
box-shadow:4px 4px 4px 4px rgb(139, 95,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0792, 14.2092, 8.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 95, 77) }
```

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

```
.background{ background-color: rgb(139, 95,  
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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