

Converting Colors

XYZ(18.3741, 14.1956, 8.9795)

Have a look what the booklet for
XYZ(18.3741, 14.1956, 8.9795)
contains.

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Color

**XYZ(18.4132, 14.2736,
8.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	9C564E
RGB	156, 86, 78
RGB Percent	61%, 34%, 31%
CMY	0.3882, 0.6627, 0.6941
CMYK	0.00, 0.45, 0.50, 0.39
HSL	6°, 33%, 46%
HSV	6°, 50%, 61%
XYZ	18.4132, 14.2736, 8.9923
YIQ	106.0180, 44.2880, 12.3520

Conversions

Conversions Part 2

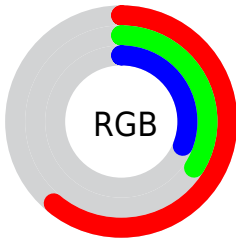
Format	Color
R _Y B	156, 87, 78
Decimal	10245710
CIE Lab	44.62, 28.01, 17.43
CIE LCh	45, 32.986, 31.889
Yxy	14.2736, 0.4418, 0.3425
Android (android.graphics.Color)	4288435790 (0xFF9C564E)
YUV	106.0180, -13.8129, 43.8342
Hunter-Lab	37.7804, 20.8806, 12.3344

Details

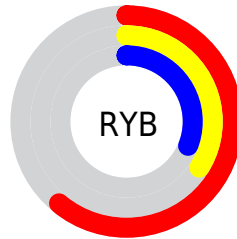
The XYZ color **18.4132, 14.2736, 8.9923** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7317, 25.1982, 35.2760**, and the grayscale version is **13.7331, 14.4483, 15.7342**.

A 20% lighter version of the original color is **40.2170, 33.5698, 24.4386**, and **6.3487, 4.2684, 2.0026** is the 20% darker color. If you saturate the color by 10%, you get **16.9085, 12.0556, 6.0511**, and if you desaturate by 10%, it is **20.2703, 16.9840, 12.7058**.

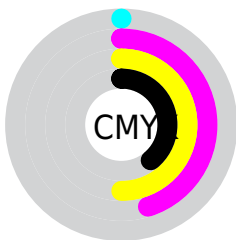
Distribution



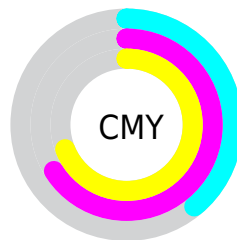
- Red (61%)
- Green (34%)
- Blue (31%)



- Red (61%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (50%)
- Black (39%)





- Cyan (39%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4132, 14.2736, 8.9923 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 18.4132, 14.2736, 8.9923 by changing the saturation by 10% instead.


 18.4132, 14.2736,
8.9923


 18.4132, 14.2736,
8.9923


236.1906,
218.9263, 193.5364


 11.3485, 8.3112,
4.6394


 40.2647, 33.5737,
24.4595


 6.3708, 4.2947,
1.9823


 55.7823, 47.6802,
36.4109

 3.1146, 1.8398,
0.5443

 74.8483, 65.2702,
51.7322

 1.2147, 0.5118,
0.0000

 97.8279, 86.7281,
70.8420

 0.1179, 0.0000,
0.0000

 125.0866,
112.4382, 94.1587

 0.0000, 0.0000,
0.0000

156.9897,

142.7851, 122.1010

193.9026,
178.1530, 155.0874

■ 18.4132, 14.2736,
8.9923

■ 18.4132, 14.2736,
8.9923

■ 16.9085, 12.0556,
6.0511

■ 20.2703, 16.9840,
12.7058

■ 15.7327, 10.2983,
3.8269

■ 22.4990, 20.2117,
17.2401

■ 14.8612, 8.9698,
2.2583

■ 25.1186, 23.9824,
22.6404


■ 14.2653, 8.0331,
1.2734


■ 28.1466, 28.3195,
28.9487


■ 13.8956, 7.4387,
0.7035


■ 31.5995, 33.2452,
36.2041

 13.8956, 7.4387,
0.7034

 35.4928, 38.7802,
44.4434

 39.8414, 44.9446,
53.7015

 44.6593, 51.7571,
64.0114

 49.9601, 59.2359,
75.4050

Harmonies

Analogous

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



19.3767, 14.2736, 15.0615



18.4132, 14.2736, 8.9923



16.1343, 14.2736, 5.8406

Triad

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



18.4132, 14.2736, 8.9923



9.5208, 14.2736, 9.5884



13.7367, 14.2736, 35.3738

Complementary

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



18.4132, 14.2736, 8.9923



19.7317, 25.1982, 35.2760

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.



11.2870, 14.2736, 32.4678



18.4132, 14.2736, 8.9923



9.0523, 14.2736, 16.0316

Square

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



18.4132, 14.2736, 8.9923



11.0295, 14.2736, 6.0969



9.6552, 14.2736, 24.6826



16.4658, 14.2736, 31.6815

Rectangle

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



18.4132, 14.2736, 8.9923



14.3045, 14.2736, 5.0518



9.6552, 14.2736, 24.6826



12.8546, 14.2736, 35.1335

Sweetspot

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



18.4136, 14.2743, 8.9926



48.1149, 47.1330, 46.3000



21.7957, 14.6612, 29.7810



10.3556, 10.0391, 9.7057



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.4136, 14.2743, 8.9926



30.4267, 21.4746, 10.4444



22.3937, 22.2345, 10.3193



6.6851, 6.7503, 6.9363



11.4591, 6.1538, 0.5838



0.2190, 0.1382, 0.0151

Inverse Universe

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



19.7317, 25.1982, 35.2760



33.0707, 43.5889, 63.7972



14.6327, 15.0000, 33.5763



6.7637, 7.3931, 8.4772



12.6809, 17.4534, 28.6077



0.2418, 0.3422, 0.5165

Previews

White Background



This preview shows how the XYZ color 18.4132, 14.2736, 8.9923 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 18.4132, 14.2736, 8.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

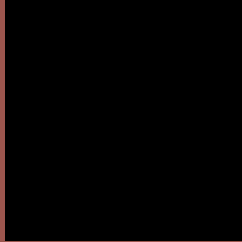
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4132, 14.2736, 8.9923

Background



This preview shows how black text looks on a background with the XYZ color 18.4132, 14.2736, 8.9923.



This preview shows how white text looks on a background with the XYZ color 18.4132, 14.2736,

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

18.4132, 14.2736, 8.9923

Protanopia

13.5564, 14.4409, 11.0897

Deuteranopia

14.6256, 14.4464, 8.6742



Tritanopia

18.9204, 14.2469, 11.4256

Trichromacy



Original Color

18.4132, 14.2736, 8.9923

Protanomaly

14.9642, 14.1530, 10.3306

Deuteranomaly

15.8039, 14.2059, 8.7465

Tritanomaly

18.8328, 14.3370, 10.5788

Monochromacy



Original Color

18.4132, 14.2736, 8.9923

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.8853, 14.0533, 12.9943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4132, 14.2736, 8.9923 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(156, 86, 78)` looks like.

```
.text, #text, p{  
    color:rgb(156, 86, 78)  
}
```

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(156, 86, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 86, 78) }
```

Border

The CSS property to change the border of an element to XYZ 18.4132, 14.2736, 8.9923 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(156, 86, 78) }
```


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

```
.border{ border-color:rgb(156, 86, 78) }
```

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

Here you see how a box with a 4 pixel rgb(156, 86, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 86, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 86, 78);  
box-shadow:4px 4px 4px 4px rgb(156, 86,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4132, 14.2736, 8.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 86, 78) }
```

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

```
.background{ background-color: rgb(156, 86,  
78) }
```

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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