

Converting Colors

XYZ(14.6297, 11.8453, 9.4997)

Have a look what the booklet for
XYZ(14.6297, 11.8453, 9.4997)
contains.

XYZ(14.6936, 11.8780, 9.5009)	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(14.6936, 11.8780,
9.5009)**

Conversions

Conversions Part 1

Format	Color
Hex	885252
RGB	136, 82, 82
RGB Percent	53%, 32%, 32%
CMY	0.4667, 0.6784, 0.6784
CMYK	0.00, 0.40, 0.40, 0.47
HSL	0°, 25%, 43%
HSV	0°, 40%, 53%
XYZ	14.6936, 11.8780, 9.5009
YIQ	98.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

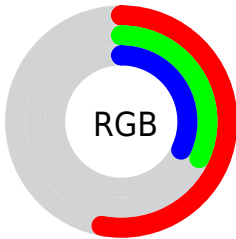
Format	Color
RYB	136, 82, 82
Decimal	8933970
CIELab	41.02, 22.57, 9.60
CIElCh	41, 24.525, 23.055
Yxy	11.8780, 0.4073, 0.3293
Android (android.graphics.Color)	4287124050 (0xFF885252)
YUV	98.1460, -7.9600, 33.1980
Hunter-Lab	34.4645, 15.7889, 7.7805

Details

The XYZ color **14.6936, 11.8780, 9.5009** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7274, 21.1789, 26.4988**, and the grayscale version is **11.6597, 12.2669, 13.3586**.

A 20% lighter version of the original color is **33.8339, 29.2176, 25.3290**, and **4.6210, 3.2801, 2.1398** is the 20% darker color. If you saturate the color by 10%, you get **13.3007, 9.8398, 6.7314**, and if you desaturate by 10%, it is **16.3930, 14.3649, 12.8789**.

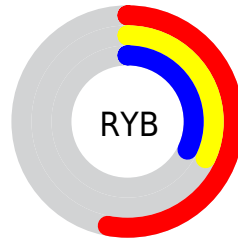
Distribution



Red (53%)

Green (32%)

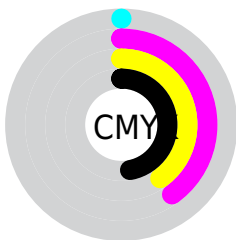
Blue (32%)



Red (53%)

Yellow (32%)

Blue (32%)

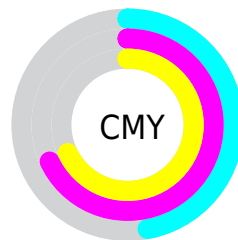


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (47%)



Cyan (47%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6936, 11.8780, 9.5009 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 14.6936, 11.8780, 9.5009 by changing the saturation by 10% instead.

■ 14.6936, 11.8780,
9.5009

■ 14.6936, 11.8780,
9.5009

214.9294,
203.5959, 197.4255

■ 8.6895, 6.6607,
4.9681

■ 33.8908, 29.2727,
25.4454

■ 4.5947, 3.2508,
2.1701

■ 47.8148, 42.2189,
37.6941

■ 2.0438, 1.2640,
0.6571

■ 65.1093, 58.5101,
53.3519

■ 0.6584, 0.1131,
0.0000

■ 86.1399, 78.5308,
72.8373

■ 0.0000, 0.0000,
0.0000

■ 111.2718,
102.6653, 96.5688

140.8705,

131.2981, 124.9649

175.3013,
164.8135, 158.4443

■ 14.6936, 11.8780,
9.5009

■ 14.6936, 11.8780,
9.5009

■ 13.3007, 9.8398,
6.7314

■ 16.3930, 14.3649,
12.8789

■ 12.1951, 8.2221,
4.5337

■ 18.4147, 17.3231,
16.8978

■ 11.3572, 6.9959,
2.8680


■ 20.7743, 20.7760,
21.5888


■ 10.7642, 6.1282,
1.6892


■ 23.4865, 24.7446,
26.9804


■ 10.3897, 5.5802,
0.9450


■ 26.5647, 29.2489,
33.0999


 10.1599, 5.2440,
0.4882

 30.0220, 34.3078,
39.9729

 10.1534, 5.2344,
0.4752

 33.8705, 39.9392,
47.6238

 38.1220, 46.1604,
56.0758

 42.7878, 52.9877,
65.3515

Harmonies

Analogous

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



14.9878, 11.8780, 14.1391



14.6936, 11.8780, 9.5009



13.4452, 11.8780, 6.6373

Triad

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



14.6936, 11.8780, 9.5009



8.7983, 11.8780, 7.9443



10.8860, 11.8780, 25.1167

Complementary

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



14.6936, 11.8780, 9.5009



16.7274, 21.1789, 26.4988

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.



9.3778, 11.8780, 22.3135



14.6936, 11.8780, 9.5009



8.2562, 11.8780, 11.7978

Square

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



14.6936, 11.8780, 9.5009



10.0172, 11.8780, 5.9151



8.4568, 11.8780, 17.1060



12.6656, 11.8780, 24.0396

Rectangle

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



14.6936, 11.8780, 9.5009



12.3036, 11.8780, 5.7081



8.4568, 11.8780, 17.1060



10.3331, 11.8780, 24.5770

Sweetspot

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



14.6939, 11.8786, 9.5011



35.4901, 34.9739, 35.8183



17.6146, 13.0465, 24.8823



8.1116, 7.9422, 8.0814



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.



14.6939, 11.8786, 9.5011



23.5868, 17.5559, 12.1551



17.1450, 16.7808, 10.3182



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.



16.7274, 21.1789, 26.4988



27.7094, 36.4112, 46.6160



13.3923, 14.5088, 25.3871



5.1728, 5.6886, 6.4312



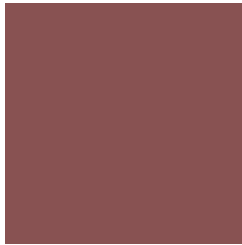
12.5379, 18.3461, 24.9260



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 14.6936, 11.8780, 9.5009 looks on a white background.

Color Contrast Check

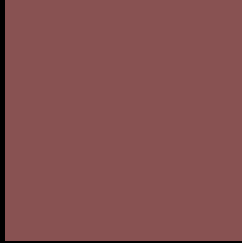
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6936, 11.8780, 9.5009 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 14.6936, 11.8780, 9.5009

Background



This preview shows how black text looks on a background with the XYZ color 14.6936, 11.8780, 9.5009.

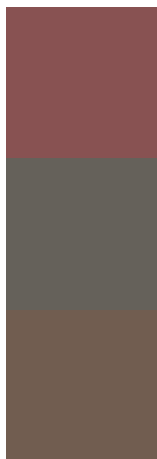


This preview shows how white text looks on a background with the XYZ color 14.6936, 11.8780,

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

14.6936, 11.8780, 9.5009

Protanopia

11.4870, 12.0543, 11.3941

Deuteranopia

12.1724, 11.9186, 9.2484



Tritanopia

14.8161, 11.8072, 10.5150

Trichromacy



Original Color

14.6936, 11.8780, 9.5009

Protanomaly

12.4869, 11.9198, 10.6595

Deuteranomaly

12.9427, 11.8038, 9.3808

Tritanomaly

14.7355, 11.7750, 10.0905

Monochromacy



Original Color

14.6936, 11.8780, 9.5009

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.4410, 11.8717, 11.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6936, 11.8780, 9.5009 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(136, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 82, 82)  
}
```

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(136, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 82, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.6936, 11.8780, 9.5009 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(136, 82, 82) }
```


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

```
.border{ border-color:rgb(136, 82, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 82, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 82,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6936, 11.8780, 9.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 82, 82) }
```

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

```
.background{ background-color: rgb(136, 82,  
82) }
```

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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