

Converting Colors

XYZ(14.9404, 11.7601, 5.9257)

Have a look what the booklet for
XYZ(14.9404, 11.7601, 5.9257)
contains.

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Color

**XYZ(14.9660, 11.7685,
5.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4F3D
RGB	143, 79, 61
RGB Percent	56%, 31%, 24%
CMY	0.4392, 0.6902, 0.7608
CMYK	0.00, 0.45, 0.57, 0.44
HSL	13°, 40%, 40%
HSV	13°, 57%, 56%
XYZ	14.9660, 11.7685, 5.8976
YIQ	96.0840, 43.9220, 7.9700

Conversions

Conversions Part 2

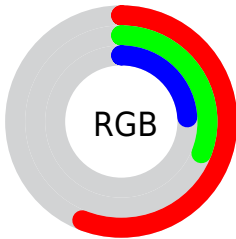
Format	Color
R_{YB}	143, 84, 61
Decimal	9391933
CIE _{Lab}	40.85, 24.97, 22.34
CIE _{LCh}	41, 33.505, 41.813
Yxy	11.7685, 0.4586, 0.3606
Android (android.graphics.Color)	4287582013 (0xFF8F4F3D)
YUV	96.0840, -17.2964, 41.1453
Hunter-Lab	34.3052, 17.8382, 13.8208

Details

The XYZ color **14.9660, 11.7685, 5.8976** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2156, 17.6417, 28.6425**, and the grayscale version is **11.1721, 11.7539, 12.8000**.

A 20% lighter version of the original color is **34.4300, 29.0840, 18.2671**, and **4.7455, 3.2005, 0.9399** is the 20% darker color. If you saturate the color by 10%, you get **13.8924, 10.1578, 3.8862**, and if you desaturate by 10%, it is **16.2781, 13.6919, 8.4955**.

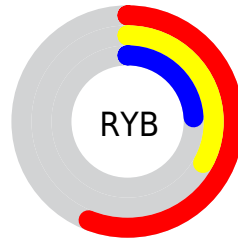
Distribution



Red (56%)

Green (31%)

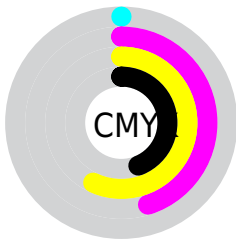
Blue (24%)



Red (56%)

Yellow (33%)

Blue (24%)

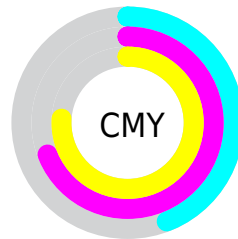


Cyan (0%)

Magenta (45%)

Yellow (57%)

Black (44%)



Cyan (44%)


Magenta (69%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9660, 11.7685, 5.8976 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 14.9660, 11.7685, 5.8976 by changing the saturation by 10% instead.


 14.9660, 11.7685,
5.8976


 14.9660, 11.7685,
5.8976


216.5528,
202.8666, 167.4280


 8.8817, 6.5862,
2.7151


 34.3657, 29.0728,
18.1920


 4.7206, 3.2047,
0.9510

 48.4117, 41.9636,
28.1409


 2.1173, 1.2395,
0.0000

 65.8424, 58.1927,
41.1825

 0.6986, 0.0936,
0.0000

 87.0231, 78.1445,
57.7352

 0.0000, 0.0000,
0.0000

 112.3191,
102.2034, 78.2175

 142.0959,

130.7538, 103.0481

176.7186,
164.1801, 132.6454

■ 14.9660, 11.7685,
5.8976

■ 14.9660, 11.7685,
5.8976

■ 13.8924, 10.1578,
3.8862

■ 16.2781, 13.6919,
8.4955

■ 13.0414, 8.8412,
2.4144

■ 17.8415, 15.9416,
11.7206

■ 12.3962, 7.8006,
1.4289

■ 19.6692, 18.5328,
15.6107

■ 11.9310, 7.0129,
0.8339

■ 21.7729, 21.4790,
20.2004

■ 11.8281, 6.8404,
0.6969

■ 24.1638, 24.7931,
25.5218

■ 26.8522, 28.4873,
31.6051

■ 29.8480, 32.5732,
38.4788

■ 33.1606, 37.0619,
46.1699

■ 36.7991, 41.9640,
54.7041

Harmonies

Analogous

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



16.3050, 11.7685, 10.3074



14.9660, 11.7685, 5.8976



12.6798, 11.7685, 3.9448

Triad

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



14.9660, 11.7685, 5.8976



7.3680, 11.7685, 9.1343



12.1515, 11.7685, 30.4613

Complementary

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



14.9660, 11.7685, 5.8976



14.2156, 17.6417, 28.6425

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.



9.8137, 11.7685, 29.7926



14.9660, 11.7685, 5.8976



7.2685, 11.7685, 15.6969

Square

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



14.9660, 11.7685, 5.8976



8.3968, 11.7685, 5.3029



8.1023, 11.7685, 23.7239



14.5322, 11.7685, 25.3161

Rectangle

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



14.9660, 11.7685, 5.8976



11.0410, 11.7685, 3.6558



8.1023, 11.7685, 23.7239



11.3314, 11.7685, 30.9479

Sweetspot

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



14.9663, 11.7691, 5.8978



38.9851, 38.4560, 36.1606



16.7131, 10.6638, 20.6578



8.7797, 8.5951, 7.9394



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.9663, 11.7691, 5.8978



24.3628, 17.4011, 6.0386



18.8585, 19.5535, 7.1952



5.4990, 5.6042, 5.6813



10.4719, 6.0754, 0.6207



0.1140, 0.0858, 0.0106

Inverse Universe

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



14.2156, 17.6417, 28.6425



22.8251, 28.8788, 50.9092



10.0709, 9.3523, 27.2610



5.4612, 5.9182, 6.8833



9.4841, 11.9541, 24.7846



0.1067, 0.1464, 0.2423

Previews

White Background



This preview shows how the XYZ color 14.9660, 11.7685, 5.8976 looks on a white background.

Color Contrast Check

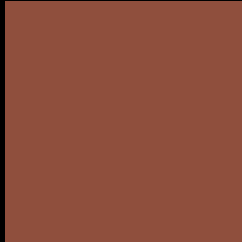
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9660, 11.7685, 5.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

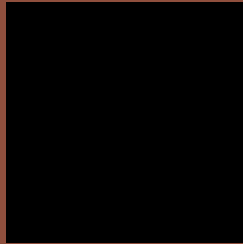
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9660, 11.7685, 5.8976

Background



This preview shows how black text looks on a background with the XYZ color 14.9660, 11.7685, 5.8976.



This preview shows how white text looks on a background with the XYZ color 14.9660, 11.7685,

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

14.9660, 11.7685, 5.8976

Protanopia

11.0270, 11.9098, 7.1865

Deuteranopia

11.9270, 11.7417, 5.6407



Tritanopia

15.6090, 11.7074, 9.4197

Trichromacy



Original Color

14.9660, 11.7685, 5.8976

Protanomaly

12.0815, 11.5455, 6.5928

Deuteranomaly

12.8018, 11.5678, 5.6957

Tritanomaly

15.3915, 11.7315, 7.9317

Monochromacy



Original Color

14.9660, 11.7685, 5.8976

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.0275, 11.4476, 9.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9660, 11.7685, 5.8976 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(143, 79, 61)` looks like.

```
.text, #text, p{  
    color:rgb(143, 79, 61)  
}
```

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(143, 79, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 79, 61) }
```

Border

The CSS property to change the border of an element to XYZ 14.9660, 11.7685, 5.8976 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(143, 79, 61) }
```


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

```
.border{ border-color:rgb(143, 79, 61) }
```

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

Here you see how a box with a 4 pixel rgb(143, 79, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 79, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 79, 61);  
box-shadow:4px 4px 4px 4px rgb(143, 79,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9660, 11.7685, 5.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 79, 61) }
```

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

```
.background{ background-color: rgb(143, 79,  
61) }
```

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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