

Converting Colors

XYZ(14.4316, 11.2510, 6.5355)

Have a look what the booklet for
XYZ(14.4316, 11.2510, 6.5355)
contains.

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Color

**XYZ(14.4525, 11.2766,
6.5691)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4D42
RGB	140, 77, 66
RGB Percent	55%, 30%, 26%
CMY	0.4510, 0.6980, 0.7412
CMYK	0.00, 0.45, 0.53, 0.45
HSL	9°, 36%, 40%
HSV	9°, 53%, 55%
XYZ	14.4525, 11.2766, 6.5691
YIQ	94.5830, 41.0790, 9.9350

Conversions

Conversions Part 2

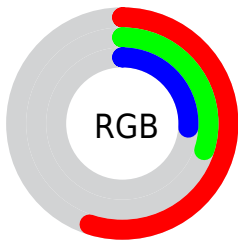
Format	Color
R_{YB}	140, 79, 66
Decimal	9194818
CIE _{Lab}	40.04, 25.31, 18.18
CIE _{LCh}	40, 31.165, 35.694
Yxy	11.2766, 0.4475, 0.3491
Android (android.graphics.Color)	4287384898 (0xFF8C4D42)
YUV	94.5830, -14.0914, 39.8307
Hunter-Lab	33.5806, 18.0570, 11.9081

Details

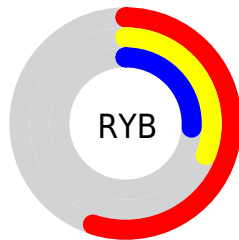
The XYZ color **14.4525, 11.2766, 6.5691** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8301, 18.7512, 27.6486**, and the grayscale version is **10.8036, 11.3663, 12.3779**.

A 20% lighter version of the original color is **33.3916, 28.1294, 19.5892**, and **4.4567, 2.9688, 1.1488** is the 20% darker color. If you saturate the color by 10%, you get **13.3303, 9.6139, 4.4020**, and if you desaturate by 10%, it is **15.8291, 13.2865, 9.3198**.

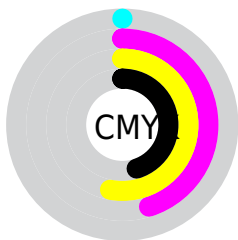
Distribution



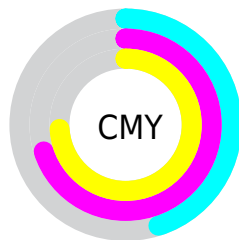
- Red (55%)
- Green (30%)
- Blue (26%)



- Red (55%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4525, 11.2766, 6.5691 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 14.4525, 11.2766, 6.5691 by changing the saturation by 10% instead.

■ 14.4525, 11.2766,
6.5691

■ 14.4525, 11.2766,
6.5691

213.4827,
199.5555, 173.5264

■ 8.5199, 6.2532,
3.1198

■ 33.4694, 28.1705,
19.5988

■ 4.4839, 2.9996,
1.1561

■ 47.2844, 40.8098,
30.0164

■ 1.9794, 1.1315,
0.0000

■ 64.4575, 56.7566,
43.5937

■ 0.6223, 0.0047,
0.0000

■ 85.3541, 76.3951,
60.7494

■ 0.0000, 0.0000,
0.0000

■ 110.3396,
100.1099, 81.9019

■ 139.7793,

128.2853, 107.4699

174.0385,
161.3057, 137.8719

■ 14.4525, 11.2766,
6.5691

■ 14.4525, 11.2766,
6.5691

■ 13.3303, 9.6139,
4.4020

■ 15.8291, 13.2865,
9.3198

■ 12.4458, 8.2770,
2.7754

■ 17.4738, 15.6601,
12.6915

■ 11.7817, 7.2446,
1.6416

■ 19.4003, 18.4147,
16.7194

■ 11.3175, 6.4924,
0.9438

■ 21.6209, 21.5662,
21.4357

■ 11.0800, 6.1051,
0.5944

■ 24.1474, 25.1295,
26.8705

■ 26.9909, 29.1187,
33.0523

■ 30.1618, 33.5473,
40.0078

■ 33.6703, 38.4281,
47.7625

■ 37.5259, 43.7736,
56.3408

Harmonies

Analogous

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



15.3986, 11.2766, 11.1369



14.4525, 11.2766, 6.5691



12.5179, 11.2766, 4.3216

Triad

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



14.4525, 11.2766, 6.5691



7.3645, 11.2766, 8.0086



11.1349, 11.2766, 28.3005

Complementary

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



14.4525, 11.2766, 6.5691



14.8301, 18.7512, 27.6486

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.



9.0996, 11.2766, 26.6005



14.4525, 11.2766, 6.5691



7.0974, 11.2766, 13.4952

Square

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



14.4525, 11.2766, 6.5691



8.4753, 11.2766, 4.9363



7.6897, 11.2766, 20.5965



13.3252, 11.2766, 24.6753

Rectangle

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



14.4525, 11.2766, 6.5691



11.0326, 11.2766, 3.8330



7.6897, 11.2766, 20.5965



10.4096, 11.2766, 28.3443

Sweetspot

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



14.4528, 11.2772, 6.5693



36.6960, 36.0074, 34.7570



16.8017, 11.0872, 22.4205



8.2923, 8.0653, 7.6617



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.



14.4528, 11.2772, 6.5693



23.2470, 16.5678, 7.2810



17.6889, 17.7494, 7.6480



5.0890, 5.1609, 5.2803



9.8550, 5.4445, 0.5315



0.0721, 0.0494, 0.0057

Inverse Universe

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



14.8301, 18.7512, 27.6486



23.9509, 31.1138, 48.4862



10.9065, 10.9039, 26.3407



5.1106, 5.5641, 6.4105



10.0980, 13.4663, 24.1127



0.0751, 0.1054, 0.1628

Previews

White Background



This preview shows how the XYZ color 14.4525, 11.2766, 6.5691 looks on a white background.

Color Contrast Check

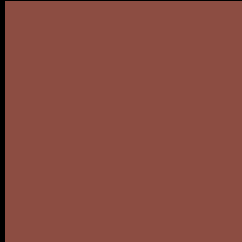
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4525, 11.2766, 6.5691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

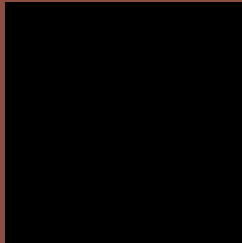
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4525, 11.2766, 6.5691

Background



This preview shows how black text looks on a background with the XYZ color 14.4525, 11.2766, 6.5691.

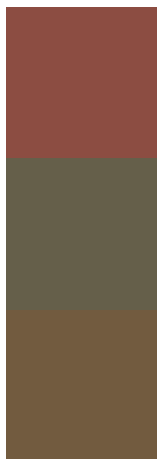


This preview shows how white text looks on a background with the XYZ color 14.4525, 11.2766,

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

14.4525, 11.2766, 6.5691

Protanopia

10.6951, 11.4455, 8.1241

Deuteranopia

11.5777, 11.4185, 6.2964



Tritanopia

14.9485, 11.2741, 8.9777

Trichromacy



Original Color

14.4525, 11.2766, 6.5691

Protanomaly

11.6973, 11.0792, 7.4832

Deuteranomaly

12.4216, 11.2367, 6.3647

Tritanomaly

14.8389, 11.3396, 8.0633

Monochromacy



Original Color

14.4525, 11.2766, 6.5691

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.6455, 10.9990, 9.8967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4525, 11.2766, 6.5691 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(140, 77, 66)` looks like.

```
.text, #text, p{  
    color:rgb(140, 77, 66)  
}
```

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(140, 77, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 77, 66) }
```

Border

The CSS property to change the border of an element to XYZ 14.4525, 11.2766, 6.5691 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(140, 77, 66) }
```


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

```
.border{ border-color:rgb(140, 77, 66) }
```

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

Here you see how a box with a 4 pixel rgb(140, 77, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 77, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 77, 66);  
box-shadow:4px 4px 4px 4px rgb(140, 77,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4525, 11.2766, 6.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 77, 66) }
```

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

```
.background{ background-color: rgb(140, 77,  
66) }
```

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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