

Converting Colors

XYZ(14.5794, 11.2510, 8.1572)

Have a look what the booklet for
XYZ(14.5794, 11.2510, 8.1572)
contains.

XYZ(14.5364, 11.1797, 8.2292)	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(14.5364, 11.1797,
8.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4C4C
RGB	139, 76, 76
RGB Percent	55%, 30%, 30%
CMY	0.4549, 0.7019, 0.7020
CMYK	0.00, 0.45, 0.45, 0.45
HSL	0°, 29%, 42%
HSV	0°, 45%, 55%
XYZ	14.5364, 11.1797, 8.2292
YIQ	94.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

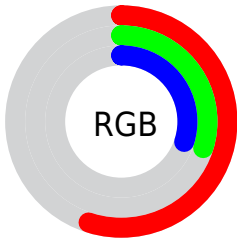
Format	Color
R_{YB}	139, 76, 76
Decimal	9129036
CIE Lab	39.88, 26.52, 11.79
CIE LCh	40, 29.022, 23.965
Yxy	11.1797, 0.4282, 0.3293
Android (android.graphics.Color)	4287319116 (0xFF8B4C4C)
YUV	94.8370, -9.2866, 38.7310
Hunter-Lab	33.4361, 19.0902, 8.8129

Details

The XYZ color **14.5364, 11.1797, 8.2292** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8727, 21.8645, 27.7570**, and the grayscale version is **10.8538, 11.4190, 12.4353**.

A 20% lighter version of the original color is **33.6682, 28.0045, 23.0329**, and **4.5378, 2.9614, 1.6989** is the 20% darker color. If you saturate the color by 10%, you get **13.2480, 9.2946, 5.6677**, and if you desaturate by 10%, it is **16.1367, 13.5215, 11.4101**.

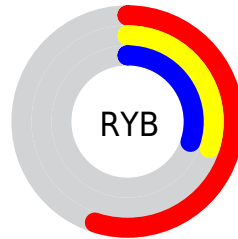
Distribution



Red (55%)

Green (30%)

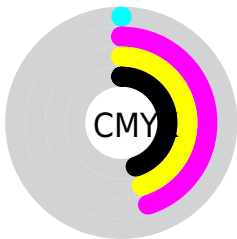
Blue (30%)



Red (55%)

Yellow (30%)

Blue (30%)

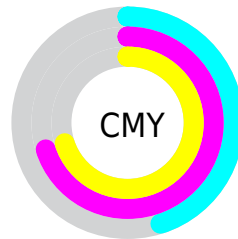


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (45%)



Cyan (45%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5364, 11.1797, 8.2292 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 14.5364, 11.1797, 8.2292 by changing the saturation by 10% instead.

■ 14.5364, 11.1797,
8.2292

■ 14.5364, 11.1797,
8.2292

213.9872,
198.8963, 187.5201

■ 8.5789, 6.1878,
4.1521

■ 33.6162, 27.9920,
22.9601

■ 4.5224, 2.9596,
1.7091

■ 47.4691, 40.5812,
34.4510

■ 2.0017, 1.1107,
0.3670

■ 64.6846, 56.4716,
49.2502

■ 0.6349, 0.0000,
0.0000

■ 85.6280, 76.0477,
67.7762

■ 0.0000, 0.0000,
0.0000

■ 110.6646, 99.6938,
90.4477

140.1597,

127.7944, 117.6832

174.4788,
160.7337, 149.9011

■ 14.5364, 11.1797,
8.2292

■ 14.5364, 11.1797,
8.2292

■ 13.2480, 9.2946,
5.6677

■ 16.1367, 13.5215,
11.4101

■ 12.2505, 7.8348,
3.6847

■ 18.0664, 16.3453,
15.2464

■ 11.5213, 6.7679,
2.2353

■ 20.3430, 19.6766,
19.7721


■ 11.0347, 6.0557,
1.2680


■ 22.9822, 23.5384,
25.0188


■ 10.7537, 5.6445,
0.7094


■ 25.9989, 27.9527,
31.0159

 10.6475, 5.4891,
0.4983

 29.4071, 32.9398,
37.7914

 33.2201, 38.5193,
45.3717

 37.4507, 44.7097,
53.7822

 42.1109, 51.5288,
63.0467

Harmonies

Analogous

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



14.9215, 11.1797, 13.3664



14.5364, 11.1797, 8.2292



13.0495, 11.1797, 5.2683

Triad

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



14.5364, 11.1797, 8.2292



7.8128, 11.1797, 6.7806



10.2272, 11.1797, 26.7159

Complementary

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



14.5364, 11.1797, 8.2292



16.8727, 21.8645, 27.7570

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.



8.5228, 11.1797, 23.4107



14.5364, 11.1797, 8.2292



7.2457, 11.1797, 11.0525

Square

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



14.5364, 11.1797, 8.2292



9.1410, 11.1797, 4.6339



7.4884, 11.1797, 17.2097



12.2636, 11.1797, 25.2453

Rectangle

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



14.5364, 11.1797, 8.2292



11.7226, 11.1797, 4.3660



7.4884, 11.1797, 17.2097



9.5999, 11.1797, 26.1009

Sweetspot

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



14.5367, 11.1803, 8.2294



36.8824, 35.8980, 36.3059



17.8921, 12.5220, 25.8999



8.3028, 7.9853, 7.9766



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.



14.5367, 11.1803, 8.2294



23.7555, 16.6896, 10.2104



17.2619, 16.6307, 9.1378



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.



16.8727, 21.8645, 27.7570



28.4707, 38.2556, 49.6265



12.9507, 14.0206, 26.4496



5.1728, 5.6886, 6.4312



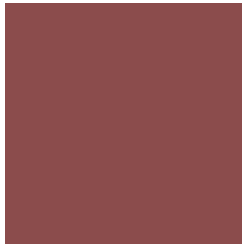
12.5377, 18.3458, 24.9260



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 14.5364, 11.1797, 8.2292 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 14.5364, 11.1797, 8.2292 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 14.5364, 11.1797, 8.2292

Background



This preview shows how black text looks on a background with the XYZ color 14.5364, 11.1797, 8.2292.



This preview shows how white text looks on a background with the XYZ color 14.5364, 11.1797,

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

14.5364, 11.1797, 8.2292

Protanopia

10.6794, 11.2580, 10.2045

Deuteranopia

11.4992, 11.3427, 7.8866



Tritanopia

14.6487, 11.1152, 9.1580

Trichromacy



Original Color

14.5364, 11.1797, 8.2292

Protanomaly

11.7412, 10.9363, 9.4747

Deuteranomaly

12.4490, 11.2149, 7.9871

Tritanomaly

14.5748, 11.0856, 8.7687

Monochromacy



Original Color

14.5364, 11.1797, 8.2292

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.8067, 11.0635, 10.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5364, 11.1797, 8.2292 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, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(139, 76, 76)  
}
```

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, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 76, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.5364, 11.1797, 8.2292 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, 76, 76) }
```


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

```
.border{ border-color:rgb(139, 76, 76) }
```

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

Here you see how a box with a 4 pixel rgb(139, 76, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 76, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 76, 76);  
box-shadow:4px 4px 4px 4px rgb(139, 76,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5364, 11.1797, 8.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 76, 76) }
```

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

```
.background{ background-color: rgb(139, 76,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor