

Converting Colors

XYZ(18.3100, 14.9114, 12.0127)

Have a look what the booklet for
XYZ(18.3100, 14.9114, 12.0127)
contains.

XYZ(18.3366, 14.9110, 12.0369)	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(18.3366, 14.9110,
12.0369)**

Conversions

Conversions Part 1

Format	Color
Hex	965C5C
RGB	150, 92, 92
RGB Percent	59%, 36%, 36%
CMY	0.4118, 0.6392, 0.6392
CMYK	0.00, 0.39, 0.39, 0.41
HSL	0°, 24%, 47%
HSV	0°, 39%, 59%
XYZ	18.3366, 14.9110, 12.0369
YIQ	109.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

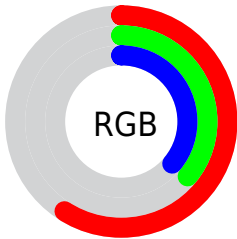
Format	Color
R_{YB}	150, 92, 92
Decimal	9854044
CIE _{Lab}	45.51, 23.77, 10.07
CIE _{LCh}	46, 25.816, 22.953
Yxy	14.9110, 0.4049, 0.3293
Android (android.graphics.Color)	4288044124 (0xFF965C5C)
YUV	109.3420, -8.5496, 35.6571
Hunter-Lab	38.6148, 17.1866, 8.5486

Details

The XYZ color **18.3366, 14.9110, 12.0369** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8246, 26.2891, 32.8310**, and the grayscale version is **14.6500, 15.4129, 16.7847**.

A 20% lighter version of the original color is **40.1585, 34.7197, 30.1762**, and **6.3613, 4.6154, 3.1404** is the 20% darker color. If you saturate the color by 10%, you get **16.5715, 12.3283, 8.5275**, and if you desaturate by 10%, it is **20.4896, 18.0616, 16.3165**.

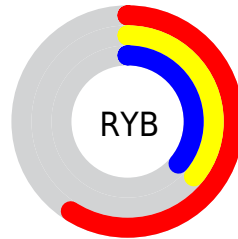
Distribution



Red (59%)

Green (36%)

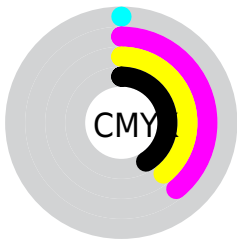
Blue (36%)



Red (59%)

Yellow (36%)

Blue (36%)

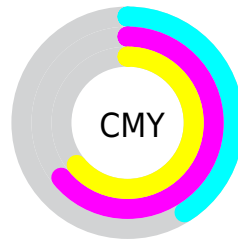


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (41%)



Cyan (41%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3366, 14.9110, 12.0369 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 18.3366, 14.9110, 12.0369 by changing the saturation by 10% instead.

■ 18.3366, 14.9110,
12.0369

■ 18.3366, 14.9110,
12.0369

235.7706,
222.8269, 215.6360

■ 11.2931, 8.7569,
6.6460

■ 40.1357, 34.6970,
30.2277

■ 6.3331, 4.5830,
3.1666

■ 55.6219, 49.0977,
43.8646

■ 3.0912, 2.0047,
1.1803

■ 74.6531, 67.0161,
61.0873

■ 1.2022, 0.6102,
0.0000

■ 97.5945, 88.8365,
82.3143

■ 0.1081, 0.0000,
0.0000

124.8117,
114.9434, 107.9641

■ 0.0000, 0.0000,
0.0000

156.6698,

145.7212, 138.4553

193.5343,
181.5542, 174.2064

■ 18.3366, 14.9110,
12.0369

■ 18.3366, 14.9110,
12.0369

■ 16.5715, 12.3283,
8.5275

■ 20.4896, 18.0616,
16.3165

■ 15.1701, 10.2777,
5.7418

■ 23.0504, 21.8088,
21.4073

■ 14.1076, 8.7228,
3.6295

■ 26.0390, 26.1820,
27.3485

■ 13.3551, 7.6217,
2.1338

■ 29.4736, 31.2078,
34.1764

■ 12.8795, 6.9257,
1.1883

■ 33.3716, 36.9115,
41.9254

■ 12.6105, 6.5320,
0.6536

■ 37.7491, 43.3171,
50.6279

■ 12.5778, 6.4842,
0.5887

■ 42.6217, 50.4471,
60.3147

■ 48.0044, 58.3233,
71.0154

■ 53.9112, 66.9666,
82.7582

Harmonies

Analogous

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



18.6909, 14.9110, 17.7340



18.3366, 14.9110, 12.0369



16.8158, 14.9110, 8.4920

Triad

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



18.3366, 14.9110, 12.0369



11.1184, 14.9110, 10.0888



13.6706, 14.9110, 31.0740

Complementary

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



18.3366, 14.9110, 12.0369



20.8246, 26.2891, 32.8310

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.



11.8217, 14.9110, 27.6562



18.3366, 14.9110, 12.0369



10.4481, 14.9110, 14.8239

Square

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



18.3366, 14.9110, 12.0369



12.6185, 14.9110, 7.5822



10.6919, 14.9110, 21.3120



15.8490, 14.9110, 29.7833

Rectangle

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



18.3366, 14.9110, 12.0369



15.4211, 14.9110, 7.3335



10.6919, 14.9110, 21.3120



12.9931, 14.9110, 30.4137

Sweetspot

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



18.3370, 14.9117, 12.0372



43.9813, 43.3201, 44.3441



21.9100, 16.3405, 30.8535



9.6123, 9.4035, 9.5598



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.3370, 14.9117, 12.0372



29.7455, 22.4890, 16.0441



21.3469, 20.9316, 13.0405



5.8008, 5.8154, 6.0572



10.4317, 5.3779, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



20.8246, 26.2891, 32.8310



34.7463, 45.3608, 57.8454



16.7562, 18.1522, 31.4748



5.9641, 6.5622, 7.4220



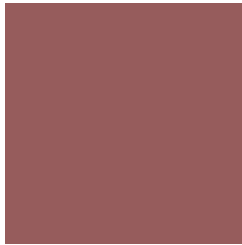
13.6102, 19.9152, 27.0577



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 18.3366, 14.9110, 12.0369 looks on a white background.

Color Contrast Check

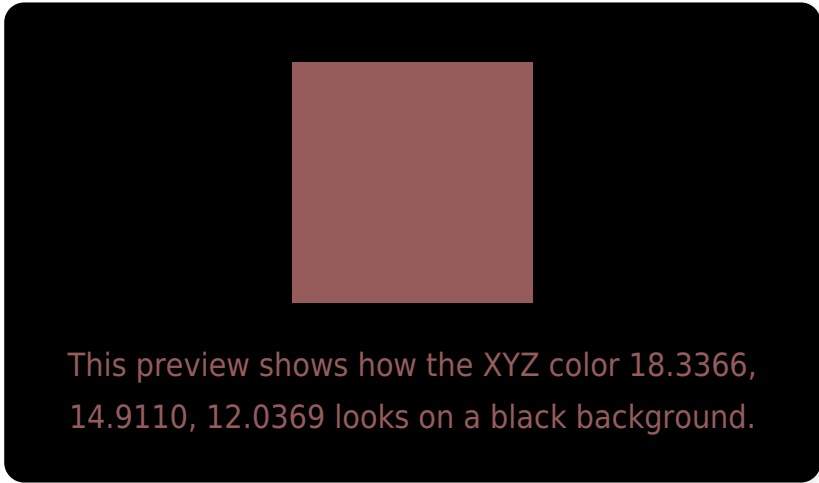
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.3366, 14.9110, 12.0369

Background



This preview shows how black text looks on a background with the XYZ color 18.3366, 14.9110, 12.0369.



This preview shows how white text looks on a background with the XYZ color 18.3366, 14.9110,

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

18.3366, 14.9110, 12.0369

Protanopia

14.3449, 15.0900, 14.2132

Deuteranopia

15.2532, 14.9988, 11.7640



Tritanopia

18.7082, 14.9433, 13.4536

Trichromacy



Original Color

18.3366, 14.9110, 12.0369

Protanomaly

15.5132, 14.8014, 13.3486

Deuteranomaly

16.2770, 14.9380, 11.9230

Tritanomaly

18.6149, 14.9060, 12.9624

Monochromacy



Original Color

18.3366, 14.9110, 12.0369

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.6106, 14.9649, 14.8977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3366, 14.9110, 12.0369 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(150, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(150, 92, 92)  
}
```

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(150, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 92, 92) }
```

Border

The CSS property to change the border of an element to XYZ 18.3366, 14.9110, 12.0369 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(150, 92, 92) }
```


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

```
.border{ border-color:rgb(150, 92, 92) }
```

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

Here you see how a box with a 4 pixel rgb(150, 92, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(150, 92,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3366, 14.9110, 12.0369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 92, 92) }
```

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

```
.background{ background-color: rgb(150, 92,  
92) }
```

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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