

Converting Colors

XYZ(17.4119, 14.2200, 4.5164)

Have a look what the booklet for
XYZ(17.4119, 14.2200, 4.5164)
contains.

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Color

**XYZ(17.4119, 14.2200,
4.5164)**

Conversions

Conversions Part 1

Format	Color
Hex	9A592F
RGB	154, 89, 47
RGB Percent	60%, 35%, 18%
CMY	0.3961, 0.6510, 0.8157
CMYK	0.00, 0.42, 0.69, 0.40
HSL	24°, 53%, 39%
HSV	24°, 69%, 60%
XYZ	17.4119, 14.2200, 4.5164
YIQ	103.6470, 52.2220, 0.7180

Conversions

Conversions Part 2

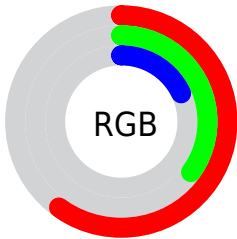
Format	Color
R_{YB}	154, 116, 47
Decimal	10115375
CIE _{Lab}	44.55, 22.99, 35.16
CIE _{LCh}	45, 42.010, 56.817
Yxy	14.2200, 0.4817, 0.3934
Android (android.graphics.Color)	4288305455 (0xFF9A592F)
YUV	103.6470, -27.9270, 44.1596
Hunter-Lab	37.7094, 16.4289, 19.2955

Details

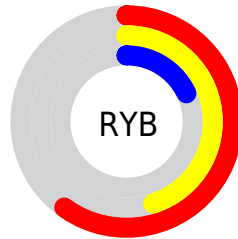
The XYZ color **17.4119, 14.2200, 4.5164** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.7989, 14.5251, 32.7007**, and the grayscale version is **13.1266, 13.8102, 15.0393**.

A 20% lighter version of the original color is **38.5950, 33.5794, 15.2738**, and **5.8650, 4.2526, 0.5117** is the 20% darker color. If you saturate the color by 10%, you get **16.4248, 12.6583, 2.9159**, and if you desaturate by 10%, it is **18.6083, 16.0249, 6.7278**.

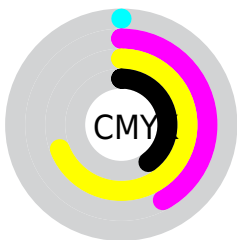
Distribution



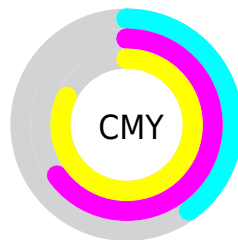
- Red (60%)
- Green (35%)
- Blue (18%)



- Red (60%)
- Yellow (45%)
- Blue (18%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4119, 14.2200, 4.5164 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 17.4119, 14.2200, 4.5164 by changing the saturation by 10% instead.

■ 17.4119, 14.2200,
4.5164

■ 17.4119, 14.2200,
4.5164

230.6452,
218.5952, 153.8030

■ 10.6257, 8.2738,
1.9127

■ 38.5706, 33.4789,
15.1842

■ 5.8812, 4.2707,
0.5008

■ 53.6739, 47.5604,
24.0855

■ 2.8129, 1.8261,
0.0000

■ 72.2802, 65.1225,
35.9229

■ 1.0556, 0.5034,
0.0000

■ 94.7549, 86.5495,
51.1152

■ 0.0000, 0.0000,
0.0000

■ 121.4634,
112.2259, 70.0808

■ 152.7711,

142.5360, 93.2383

189.0432,
177.8643, 121.0061

■ 17.4119, 14.2200,
4.5164

■ 17.4119, 14.2200,
4.5164

■ 16.4248, 12.6583,
2.9159

■ 18.6083, 16.0249,
6.7278

■ 15.6301, 11.3254,
1.8604

■ 20.0268, 18.0820,
9.6052

■ 14.9963, 10.2029,
1.2020

■ 21.6803, 20.4024,
13.1982

■ 14.9661, 10.1494,
1.1702

■ 23.5803, 22.9956,
17.5516

■ 25.7374, 25.8710,
22.7064

■ 28.1615, 29.0370,
28.7006

■ 30.8622, 32.5021,
35.5699

■ 33.8482, 36.2740,
43.3478

■ 37.1281, 40.3605,
52.0660

Harmonies

Analogous

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



20.2175, 14.2200, 8.4886



17.4119, 14.2200, 4.5164



13.8813, 14.2200, 3.3143

Triad

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



17.4119, 14.2200, 4.5164



7.9902, 14.2200, 14.4683



16.6792, 14.2200, 38.8738

Complementary

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



17.4119, 14.2200, 4.5164



12.7989, 14.5251, 32.7007

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.



13.1565, 14.2200, 42.6503



17.4119, 14.2200, 4.5164



8.4875, 14.2200, 25.5398

Square

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



17.4119, 14.2200, 4.5164



8.7560, 14.2200, 7.3404



10.2489, 14.2200, 36.9879



19.7471, 14.2200, 28.1326

Rectangle

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



17.4119, 14.2200, 4.5164



11.7139, 14.2200, 3.5977



10.2489, 14.2200, 36.9879



15.4933, 14.2200, 41.1539

Sweetspot

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



17.4122, 14.2207, 4.5167



45.9560, 45.9419, 39.3127



17.3227, 10.0950, 16.6535



10.1701, 10.0909, 8.3407



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.4122, 14.2207, 4.5167



29.0469, 21.6889, 4.1875



23.4407, 26.2777, 6.5261



6.3978, 6.6006, 6.5427



12.2263, 8.3349, 0.9644



0.2166, 0.1923, 0.0257

Inverse Universe

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



12.7989, 14.5251, 32.7007



20.0413, 22.1383, 58.7531



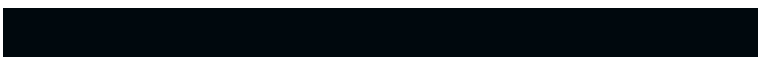
8.5941, 6.1155, 31.2991



6.1809, 6.6192, 7.8808



8.0159, 8.4284, 26.1121



0.1551, 0.1965, 0.4021

Previews

White Background



This preview shows how the XYZ color 17.4119, 14.2200, 4.5164 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 17.4119, 14.2200, 4.5164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

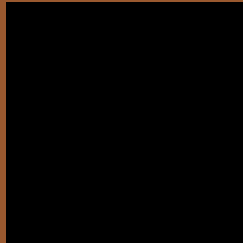
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4119, 14.2200, 4.5164

Background



This preview shows how black text looks on a background with the XYZ color 17.4119, 14.2200, 4.5164.



This preview shows how white text looks on a background with the XYZ color 17.4119, 14.2200,

4.5164.

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

17.4119, 14.2200, 4.5164

Protanopia

13.1100, 14.3379, 5.3253

Deuteranopia

14.4684, 14.3145, 4.3833



Tritanopia

18.9204, 14.2469, 11.4256

Trichromacy



Original Color

17.4119, 14.2200, 4.5164

Protanomaly

14.3388, 14.0905, 4.9816

Deuteranomaly

15.3958, 14.2278, 4.4174

Tritanomaly

18.2741, 14.2179, 8.2597

Monochromacy



Original Color

17.4119, 14.2200, 4.5164

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.0492, 13.6858, 10.0848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4119, 14.2200, 4.5164 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(154, 89, 47)` looks like.

```
.text, #text, p{  
    color:rgb(154, 89, 47)  
}
```

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(154, 89, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 89, 47) }
```

Border

The CSS property to change the border of an element to XYZ 17.4119, 14.2200, 4.5164 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(154, 89, 47) }
```


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

```
.border{ border-color:rgb(154, 89, 47) }
```

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

Here you see how a box with a 4 pixel rgb(154, 89, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 89, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 89, 47);  
box-shadow:4px 4px 4px 4px rgb(154, 89,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4119, 14.2200, 4.5164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 89, 47) }
```

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

```
.background{ background-color: rgb(154, 89,  
47) }
```

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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