

Converting Colors

XYZ(17.4862, 14.5434, 3.8748)

Have a look what the booklet for
XYZ(17.4862, 14.5434, 3.8748)
contains.

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Color

**XYZ(17.4505, 14.5054,
3.8876)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5B28
RGB	154, 91, 40
RGB Percent	60%, 36%, 16%
CMY	0.3961, 0.6431, 0.8431
CMYK	0.00, 0.41, 0.74, 0.40
HSL	27°, 59%, 38%
HSV	27°, 74%, 60%
XYZ	17.4505, 14.5054, 3.8876
YIQ	104.0230, 53.9190, -2.5050

Conversions

Conversions Part 2

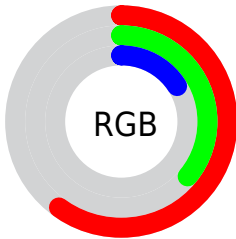
Format	Color
RYB	154, 132, 40
Decimal	10115880
CIELab	44.95, 21.47, 39.23
CIELCh	45, 44.718, 61.310
Yxy	14.5054, 0.4869, 0.4047
Android (android.graphics.Color)	4288305960 (0xFF9A5B28)
YUV	104.0230, -31.5633, 43.8298
Hunter-Lab	38.0860, 15.1360, 20.6082

Details

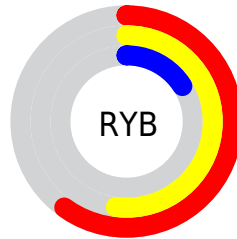
The XYZ color **17.4505, 14.5054, 3.8876** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5577, 12.4840, 32.3721**, and the grayscale version is **13.2364, 13.9257, 15.1651**.

A 20% lighter version of the original color is **38.5858, 34.0476, 13.7707**, and **5.9377, 4.3980, 0.5360** is the 20% darker color. If you saturate the color by 10%, you get **16.5522, 13.0479, 2.5435**, and if you desaturate by 10%, it is **18.5363, 16.1712, 5.8095**.

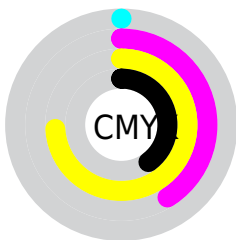
Distribution



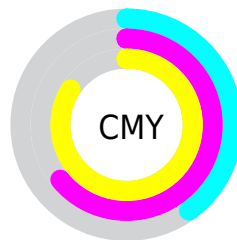
- Red (60%)
- Green (36%)
- Blue (16%)



- Red (60%)
- Yellow (52%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (74%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4505, 14.5054, 3.8876 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 17.4505, 14.5054, 3.8876 by changing the saturation by 10% instead.

■ 17.4505, 14.5054,
3.8876

■ 17.4505, 14.5054,
3.8876

230.8612,
220.3527, 146.9677

■ 10.6535, 8.4730,
1.5639

■ 38.6362, 33.9831,
13.7497

■ 5.8999, 4.3991,
0.2649

■ 53.7556, 48.1973,
22.1252

■ 2.8244, 1.8992,
0.0000

■ 72.3799, 65.9074,
33.3549

■ 1.0616, 0.5479,
0.0000

■ 94.8743, 87.4980,
47.8576

■ 0.0000, 0.0000,
0.0000

■ 121.6043,
113.3535, 66.0517

■ 152.9352,

143.8581, 88.3557

189.2324,
179.3964, 115.1882

■ 17.4505, 14.5054,
3.8876

■ 17.4505, 14.5054,
3.8876

■ 16.5522, 13.0479,
2.5435

■ 18.5363, 16.1712,
5.8095

■ 15.8245, 11.7857,
1.7051

■ 19.8224, 18.0527,
8.3677

■ 15.4483, 11.1139,
1.3310

■ 21.3214, 20.1595,
11.6142

■ 23.0441, 22.4999,
15.5954

■ 25.0009, 25.0817,
20.3537

■ 27.2013, 27.9121,
25.9281

■ 29.6541, 30.9983,
32.3550

■ 32.3679, 34.3469,
39.6687

■ 35.3506, 37.9642,
47.9014

Harmonies

Analogous

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



20.7191, 14.5054, 7.4623



17.4505, 14.5054, 3.8876



13.6267, 14.5054, 2.9959

Triad

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



17.4505, 14.5054, 3.8876



7.8783, 14.5054, 16.2593



17.7787, 14.5054, 40.0423

Complementary

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



17.4505, 14.5054, 3.8876



11.5577, 12.4840, 32.3721

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.



13.9485, 14.5054, 45.7430



17.4505, 14.5054, 3.8876



8.6043, 14.5054, 28.7596

Square

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



17.4505, 14.5054, 3.8876



8.4873, 14.5054, 7.9571



10.6758, 14.5054, 40.9054



20.9309, 14.5054, 27.5856

Rectangle

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



17.4505, 14.5054, 3.8876



11.3835, 14.5054, 3.4725



10.6758, 14.5054, 40.9054



16.5070, 14.5054, 43.0091

Sweetspot

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



17.4508, 14.5062, 3.8879



46.0197, 46.3470, 38.4773



16.6145, 9.3994, 14.1958



10.2022, 10.2118, 8.1764



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.



17.4508, 14.5062, 3.8879



29.1432, 22.1150, 3.4998



24.0499, 27.7043, 6.0876



6.4249, 6.6549, 6.5517



12.6210, 9.1244, 1.0960



0.2242, 0.2075, 0.0282

Inverse Universe

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



11.5577, 12.4840, 32.3721



17.7960, 18.1426, 58.1002



7.7486, 4.8657, 31.1024



6.1532, 6.5638, 7.8716



7.4412, 7.2791, 25.9205



0.1475, 0.1814, 0.3996

Previews

White Background



This preview shows how the XYZ color 17.4505, 14.5054, 3.8876 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 17.4505, 14.5054, 3.8876 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 17.4505, 14.5054, 3.8876

Background



This preview shows how black text looks on a background with the XYZ color 17.4505, 14.5054, 3.8876.



This preview shows how white text looks on a background with the XYZ color 17.4505, 14.5054,

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

17.4505, 14.5054, 3.8876

Protanopia

13.3391, 14.6268, 4.6028

Deuteranopia

14.9168, 14.7046, 3.8023



Tritanopia

19.1642, 14.5964, 11.9325

Trichromacy



Original Color

17.4505, 14.5054, 3.8876

Protanomaly

14.6054, 14.3873, 4.2927

Deuteranomaly

15.7020, 14.5380, 3.8123

Tritanomaly

18.4026, 14.5284, 8.1377

Monochromacy



Original Color

17.4505, 14.5054, 3.8876

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.9731, 13.6553, 9.6839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4505, 14.5054, 3.8876 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, 91, 40)` looks like.

```
.text, #text, p{  
    color:rgb(154, 91, 40)  
}
```

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, 91, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 91, 40) }
```

Border

The CSS property to change the border of an element to XYZ 17.4505, 14.5054, 3.8876 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, 91, 40) }
```


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

```
.border{ border-color:rgb(154, 91, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 91, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 91, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 91, 40);  
box-shadow:4px 4px 4px 4px rgb(154, 91,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4505, 14.5054, 3.8876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 91, 40) }
```

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

```
.background{ background-color: rgb(154, 91,  
40) }
```

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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