

Converting Colors

XYZ(16.9831, 16.4079, 4.7045)

Have a look what the booklet for
XYZ(16.9831, 16.4079, 4.7045)
contains.

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Color

**XYZ(16.9554, 16.3372,
4.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6A2D
RGB	143, 106, 45
RGB Percent	56%, 42%, 18%
CMY	0.4392, 0.5843, 0.8235
CMYK	0.00, 0.26, 0.69, 0.44
HSL	37°, 52%, 37%
HSV	37°, 69%, 56%
XYZ	16.9554, 16.3372, 4.7424
YIQ	110.1090, 41.6330, -11.1270

Conversions

Conversions Part 2

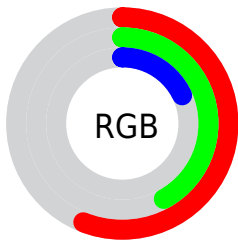
Format	Color
RYB	104, 143, 45
Decimal	9398829
CIELab	47.41, 8.13, 38.97
CIELCh	47, 39.805, 78.213
Yxy	16.3372, 0.4458, 0.4295
Android (android.graphics.Color)	4287588909 (0xFF8F6A2D)
YUV	110.1090, -32.0987, 28.8454
Hunter-Lab	40.4193, 4.1448, 21.3370

Details

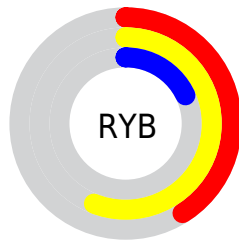
The XYZ color **16.9554, 16.3372, 4.7424** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.0573, 8.5753, 27.1643**, and the grayscale version is **14.9336, 15.7114, 17.1097**.

A 20% lighter version of the original color is **37.8968, 37.2015, 15.7729**, and **5.6838, 5.2518, 0.7141** is the 20% darker color. If you saturate the color by 10%, you get **16.1865, 15.1679, 3.3504**, and if you desaturate by 10%, it is **17.8534, 17.6155, 6.6380**.

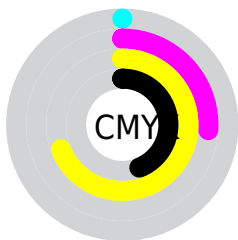
Distribution



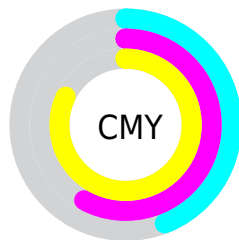
- Red (56%)
- Green (42%)
- Blue (18%)



- Red (41%)
- Yellow (56%)
- Blue (18%)



- Cyan (0%)
- Magenta (26%)
- Yellow (69%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9554, 16.3372, 4.7424 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 16.9554, 16.3372, 4.7424 by changing the saturation by 10% instead.

■ 16.9554, 16.3372,
4.7424

■ 16.9554, 16.3372,
4.7424

228.0765,
231.3233, 156.1507

■ 10.2978, 9.7631,
2.0408

■ 37.7933, 37.1826,
15.6887

■ 5.6606, 5.2422,
0.5802

■ 52.7043, 52.2227,
24.7705

■ 2.6785, 2.3900,
0.0000

■ 71.0971, 70.8536,
36.8161

■ 0.9861, 0.8208,
0.0000

■ 93.3372, 93.4596,
52.2441

■ 0.0000, 0.0000,
0.0000

■ 119.7898,
120.4252, 71.4731

■ 150.8203,

152.1347, 94.9214

186.7941,
188.9727, 123.0078

■ 16.9554, 16.3372,
4.7424

■ 16.9554, 16.3372,
4.7424

■ 16.1865, 15.1679,
3.3504

■ 17.8534, 17.6155,
6.6380

■ 15.5351, 14.1000,
2.4089

■ 18.8884, 19.0049,
9.0813

■ 14.9792, 13.1243,
1.8041

■ 20.0691, 20.5107,
12.1124

■ 14.9013, 12.9869,
1.7213

■ 21.4028, 22.1366,
15.7677

■ 22.8963, 23.8863,
20.0802

■ 24.5562, 25.7634,
25.0810

■ 26.3883, 27.7710,
30.7988

■ 28.3984, 29.9124,
37.2609

■ 30.5918, 32.1905,
44.4931

Harmonies

Analogous

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



20.5014, 16.3372, 6.8785



16.9554, 16.3372, 4.7424



13.5027, 16.3372, 4.9798

Triad

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



16.9554, 16.3372, 4.7424



9.9343, 16.3372, 24.5782



21.1555, 16.3372, 34.1298

Complementary

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



16.9554, 16.3372, 4.7424



9.0573, 8.5753, 27.1643

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.



17.7464, 16.3372, 43.3619



16.9554, 16.3372, 4.7424



11.4320, 16.3372, 36.5635

Square

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



16.9554, 16.3372, 4.7424



9.7888, 16.3372, 14.1076



14.1831, 16.3372, 44.3910



23.1606, 16.3372, 22.0596

Rectangle

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



16.9554, 16.3372, 4.7424



11.6982, 16.3372, 6.4734



14.1831, 16.3372, 44.3910



20.1139, 16.3372, 37.8370

Sweetspot

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



16.9558, 16.3380, 4.7427



40.1944, 41.8406, 33.5854



13.8108, 8.3344, 8.9772



9.0655, 9.4175, 7.2613



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.9558, 16.3380, 4.7427



28.3557, 26.1463, 5.0286



19.7442, 24.7049, 6.2107



5.6708, 5.9479, 5.7385



13.1962, 11.5240, 1.5288



0.1474, 0.1527, 0.0217

Inverse Universe

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



9.0573, 8.5753, 27.1643



13.2748, 11.3881, 48.0365



7.5517, 4.7134, 26.4982



5.2860, 5.5678, 6.8249



5.5685, 4.1230, 23.4794



0.0733, 0.0795, 0.2312

Previews

White Background



This preview shows how the XYZ color 16.9554, 16.3372, 4.7424 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 16.9554, 16.3372, 4.7424 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 16.9554, 16.3372, 4.7424

Background



This preview shows how black text looks on a background with the XYZ color 16.9554, 16.3372, 4.7424.



This preview shows how white text looks on a background with the XYZ color 16.9554, 16.3372,

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

16.9554, 16.3372, 4.7424

Protanopia

15.0224, 16.4511, 5.0729

Deuteranopia

16.5466, 16.2803, 4.7529



Tritanopia

19.2436, 16.3789, 16.0571

Trichromacy



Original Color

16.9554, 16.3372, 4.7424

Protanomaly

15.5848, 16.2547, 4.9008

Deuteranomaly

16.7159, 16.3676, 4.7609

Tritanomaly

18.2057, 16.2538, 10.5653

Monochromacy



Original Color

16.9554, 16.3372, 4.7424

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1744, 15.7467, 11.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9554, 16.3372, 4.7424 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(143, 106, 45)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 45)  
}
```

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(143, 106, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 45) }
```

Border

The CSS property to change the border of an element to XYZ 16.9554, 16.3372, 4.7424 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(143, 106, 45) }
```


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

```
.border{ border-color:rgb(143, 106, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 106, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 45);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9554, 16.3372, 4.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 45) }
```

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

```
.background{ background-color: rgb(143,  
106, 45) }
```

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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