

Converting Colors

XYZ(17.4370, 16.4394, 5.3210)

Have a look what the booklet for
XYZ(17.4370, 16.4394, 5.3210)
contains.

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Color

**XYZ(17.4814, 16.4444,
5.2703)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 926932 |
| RGB | 146, 105, 50 |
| RGB Percent | 57%, 41%, 20% |
| CMY | 0.4275, 0.5882, 0.8039 |
| CMYK | 0.00, 0.28, 0.66, 0.43 |
| HSL | 34°, 49%, 38% |
| HSV | 34°, 66%, 57% |
| XYZ | 17.4814, 16.4444, 5.2703 |
| YIQ | 110.9890, 42.0910, -8.4130 |

Conversions

Conversions Part 2

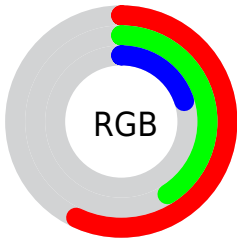
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 122, 146, 50 |
| Decimal | 9595186 |
| CIE _{Lab} | 47.55, 10.42, 36.68 |
| CIE _{LCh} | 48, 38.135, 74.150 |
| Yxy | 16.4444, 0.4460, 0.4195 |
| Android (android.graphics.Color) | 4287785266 (0xFF926932) |
| YUV | 110.9890, -30.0676, 30.7046 |
| Hunter-Lab | 40.5517, 5.9840, 20.6806 |

Details

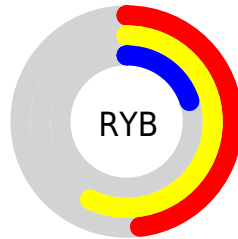
The XYZ color **17.4814, 16.4444, 5.2703** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.2447, 10.2352, 28.6298**, and the grayscale version is **15.1825, 15.9732, 17.3948**.

A 20% lighter version of the original color is **38.7217, 37.3553, 16.7247**, and **5.9376, 5.3058, 0.7686** is the 20% darker color. If you saturate the color by 10%, you get **16.6034, 15.1147, 3.6639**, and if you desaturate by 10%, it is **18.5072, 17.9091, 7.4221**.

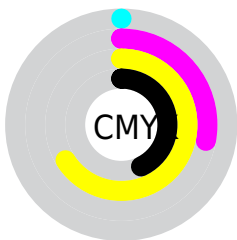
Distribution



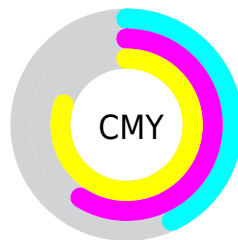
- Red (57%)
- Green (41%)
- Blue (20%)



- Red (48%)
- Yellow (57%)
- Blue (20%)



- Cyan (0%)
- Magenta (28%)
- Yellow (66%)
- Black (43%)





- Cyan (43%)
- Magenta (59%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4814, 16.4444, 5.2703 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 17.4814, 16.4444, 5.2703 by changing the saturation by 10% instead.


 17.4814, 16.4444,
5.2703


 17.4814, 16.4444,
5.2703


231.0340,
231.9499, 161.4429


 10.6757, 9.8392,
2.3452


 38.6887, 37.3680,
16.8471


 5.9149, 5.2924,
0.7564

 53.8210, 52.4552,
26.3360


 2.8336, 2.4199,
0.0000

 72.4596, 71.1384,
38.8498

 1.0664, 0.8361,
0.0000

 94.9698, 93.8022,
54.8072

 0.0000, 0.0000,
0.0000

 121.7170,
120.8308, 74.6266

 153.0666,

152.6087, 98.7267

189.3838,
189.5203, 127.5259

■ 17.4814, 16.4444,
5.2703

■ 17.4814, 16.4444,
5.2703

■ 16.6034, 15.1147,
3.6639

■ 18.5072, 17.9091,
7.4221

■ 15.8612, 13.9115,
2.5491

■ 19.6893, 19.5117,
10.1640

■ 15.2398, 12.8280,
1.8509

■ 21.0367, 21.2580,
13.5374

■ 14.9973, 12.3975,
1.6025

■ 22.5574, 23.1525,
17.5796

■ 24.2586, 25.1997,
22.3248

■ 26.1473, 27.4037,
27.8051

■ 28.2300, 29.7684,
34.0503

■ 30.5127, 32.2975,
41.0889

■ 33.0014, 34.9948,
48.9476

Harmonies

Analogous

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



20.7971, 16.4444, 7.7852



17.4814, 16.4444, 5.2703



14.0879, 16.4444, 5.2070

Triad

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



17.4814, 16.4444, 5.2703



10.1163, 16.4444, 22.8751



20.6318, 16.4444, 34.9475

Complementary

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



17.4814, 16.4444, 5.2703



10.2447, 10.2352, 28.6298

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.



17.2806, 16.4444, 42.8384



17.4814, 16.4444, 5.2703



11.3985, 16.4444, 34.3385

Square

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



17.4814, 16.4444, 5.2703



10.1538, 16.4444, 13.2692



13.9140, 16.4444, 42.5820



22.7879, 16.4444, 23.5118

Rectangle

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



17.4814, 16.4444, 5.2703



12.2445, 16.4444, 6.4622



13.9140, 16.4444, 42.5820



19.5881, 16.4444, 38.2602

Sweetspot

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



17.4818, 16.4452, 5.2706



41.3583, 42.7411, 35.3312



14.9091, 9.1581, 11.0158



9.0355, 9.3090, 7.4013



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.



17.4818, 16.4452, 5.2706



28.6271, 25.6081, 5.4084



21.6026, 26.3289, 6.9612



6.0600, 6.3338, 6.1436



13.2201, 10.9546, 1.4177



0.1911, 0.1927, 0.0271

Inverse Universe

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



10.2447, 10.2352, 28.6298



14.8924, 13.8628, 49.8644



7.9824, 5.2090, 27.7789



5.6909, 6.0159, 7.3310



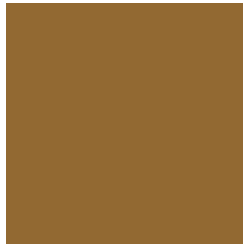
6.1197, 4.9342, 24.5609



0.1032, 0.1169, 0.3100

Previews

White Background



This preview shows how the XYZ color 17.4814, 16.4444, 5.2703 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 17.4814, 16.4444, 5.2703 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 17.4814, 16.4444, 5.2703

Background



This preview shows how black text looks on a background with the XYZ color 17.4814, 16.4444, 5.2703.



This preview shows how white text looks on a background with the XYZ color 17.4814, 16.4444,

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

17.4814, 16.4444, 5.2703

Protanopia

15.0052, 16.4273, 5.7481

Deuteranopia

16.7322, 16.5223, 5.2130



Tritanopia

19.6410, 16.4483, 15.7753

Trichromacy



Original Color

17.4814, 16.4444, 5.2703

Protanomaly

15.8686, 16.3863, 5.5753

Deuteranomaly

16.9674, 16.4879, 5.1939

Tritanomaly

18.7278, 16.3688, 10.9765

Monochromacy



Original Color

17.4814, 16.4444, 5.2703

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.5840, 15.9436, 11.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4814, 16.4444, 5.2703 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(146, 105, 50)` looks like.

```
.text, #text, p{  
    color:rgb(146, 105, 50)  
}
```

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(146, 105, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 105, 50) }
```

Border

The CSS property to change the border of an element to XYZ 17.4814, 16.4444, 5.2703 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(146, 105, 50) }
```


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

```
.border{ border-color:rgb(146, 105, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 105, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 105, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 105, 50); box-shadow:4px 4px 4px 4px rgb(146, 105, 50) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4814, 16.4444, 5.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 105, 50) }
```

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

```
.background{ background-color: rgb(146,  
105, 50) }
```

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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