

Converting Colors

XYZ(13.0494, 12.8726, 4.7026)

Have a look what the booklet for
XYZ(13.0494, 12.8726, 4.7026)
contains.

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Color

**XYZ(13.0494, 12.8726,
4.7026)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6031
RGB	124, 96, 49
RGB Percent	49%, 38%, 19%
CMY	0.5137, 0.6235, 0.8078
CMYK	0.00, 0.23, 0.60, 0.51
HSL	38°, 43%, 34%
HSV	38°, 60%, 49%
XYZ	13.0494, 12.8726, 4.7026
YIQ	99.0140, 31.7750, -8.6810

Conversions

Conversions Part 2

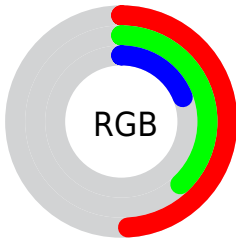
Format	Color
RYB	94, 124, 49
Decimal	8151089
CIELab	42.57, 5.48, 30.81
CIElCh	43, 31.297, 79.913
Yxy	12.8726, 0.4261, 0.4203
Android (android.graphics.Color)	4286341169 (0xFF7C6031)
YUV	99.0140, -24.6569, 21.9127
Hunter-Lab	35.8784, 2.1353, 17.3437

Details

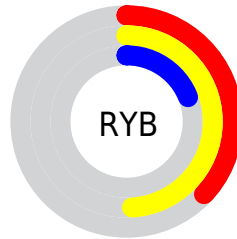
The XYZ color **13.0494, 12.8726, 4.7026** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.5584, 7.4155, 20.1015**, and the grayscale version is **11.9181, 12.5388, 13.6547**.

A 20% lighter version of the original color is **31.0270, 31.0045, 15.6584**, and **3.8240, 3.6633, 0.5630** is the 20% darker color. If you saturate the color by 10%, you get **12.4130, 11.9626, 3.3724**, and if you desaturate by 10%, it is **13.7833, 13.8624, 6.4210**.

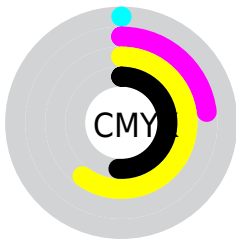
Distribution



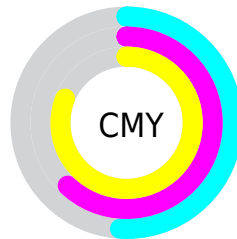
- Red (49%)
- Green (38%)
- Blue (19%)



- Red (37%)
- Yellow (49%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (51%)





- Cyan (51%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0494, 12.8726, 4.7026 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 13.0494, 12.8726, 4.7026 by changing the saturation by 10% instead.


 13.0494, 12.8726,
4.7026


 13.0494, 12.8726,
4.7026


204.8652,
210.0996, 155.7411


 7.5398, 7.3409,
2.0182


 30.9931, 31.0747,
15.6002

 3.8512, 3.6762,
0.5664

 44.1578, 44.5139,
24.6505

 1.6183, 1.4941,
0.0000

 60.6051, 61.3577,
36.6599

 0.4043, 0.2846,
0.0000

 80.7001, 81.9905,
52.0468

 0.0000, 0.0000,
0.0000

 104.8083,
106.7967, 71.2298

 133.2949,

136.1606, 94.6275

166.5255,
170.4668, 122.6584

■ 13.0494, 12.8726,
4.7026

■ 13.0494, 12.8726,
4.7026

■ 12.4130, 11.9626,
3.3724

■ 13.7833, 13.8624,
6.4210

■ 11.8668, 11.1272,
2.3975

■ 14.6196, 14.9332,
8.5553

■ 11.4034, 10.3634,
1.7408

■ 15.5640, 16.0883,
11.1317

■ 11.0161, 9.6930,
1.2903

■ 16.6212, 17.3302,
14.1737

■ 17.7958, 18.6615,
17.7033

■ 19.0920, 20.0844,
21.7411

■ 20.5139, 21.6011,
26.3066

■ 22.0654, 23.2137,
31.4181

■ 23.7500, 24.9243,
37.0930

Harmonies

Analogous

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



15.4053, 12.8726, 6.2232



13.0494, 12.8726, 4.7026



10.7498, 12.8726, 4.9871

Triad

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



13.0494, 12.8726, 4.7026



8.4361, 12.8726, 18.9395



16.0569, 12.8726, 24.1939

Complementary

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



13.0494, 12.8726, 4.7026



7.5584, 7.4155, 20.1015

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.



13.8512, 12.8726, 30.1855



13.0494, 12.8726, 4.7026



9.5326, 12.8726, 26.5369

Square

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



13.0494, 12.8726, 4.7026



8.2796, 12.8726, 11.8553



11.4552, 12.8726, 31.1593



17.2840, 12.8726, 16.4246

Rectangle

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



13.0494, 12.8726, 4.7026



9.5415, 12.8726, 6.2084



11.4552, 12.8726, 31.1593



15.3929, 12.8726, 26.5759

Sweetspot

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



13.0497, 12.8732, 4.7029



29.6574, 30.9661, 26.1481



10.7767, 7.0283, 7.9495



6.8696, 7.1606, 5.8182



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.0497, 12.8732, 4.7029



21.4170, 20.4110, 5.1327



14.8651, 18.2987, 5.6544



4.1879, 4.3943, 4.2520



11.1965, 9.8489, 1.3109



52.5715, 45.3065, 5.9742

Inverse Universe

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



7.5584, 7.4155, 20.1015



10.8348, 9.9237, 34.9010



6.4669, 4.5440, 19.6048



3.9089, 4.1160, 5.0316



4.7007, 3.4839, 19.8100



21.6658, 15.1042, 94.2433

Previews

White Background



This preview shows how the XYZ color 13.0494, 12.8726, 4.7026 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 13.0494, 12.8726, 4.7026 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 13.0494, 12.8726, 4.7026

Background



This preview shows how black text looks on a background with the XYZ color 13.0494, 12.8726, 4.7026.



This preview shows how white text looks on a background with the XYZ color 13.0494, 12.8726,

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

13.0494, 12.8726, 4.7026

Protanopia

11.8068, 12.9259, 5.0046

Deuteranopia

13.0494, 12.8726, 4.7026



Tritanopia

14.8478, 12.9532, 13.2729

Trichromacy



Original Color

13.0494, 12.8726, 4.7026

Protanomaly

12.2400, 12.8670, 4.8561

Deuteranomaly

13.0494, 12.8726, 4.7026

Tritanomaly

14.1147, 12.9199, 9.3393

Monochromacy



Original Color

13.0494, 12.8726, 4.7026

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0372, 12.5176, 9.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0494, 12.8726, 4.7026 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(124, 96, 49)` looks like.

```
.text, #text, p{  
    color:rgb(124, 96, 49)  
}
```

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(124, 96, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 96, 49) }
```

Border

The CSS property to change the border of an element to XYZ 13.0494, 12.8726, 4.7026 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(124, 96, 49) }
```


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

```
.border{ border-color:rgb(124, 96, 49) }
```

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

Here you see how a box with a 4 pixel rgb(124, 96, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 96, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 96, 49);  
box-shadow:4px 4px 4px 4px rgb(124, 96,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0494, 12.8726, 4.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 96, 49) }
```

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

```
.background{ background-color: rgb(124, 96,  
49) }
```

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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