

Converting Colors

XYZ(47.4792, 43.8194, 22.4786)

Have a look what the booklet for
XYZ(47.4792, 43.8194, 22.4786)
contains.

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Color

**XYZ(47.4792, 43.8194,
22.4786)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A474
RGB	225, 164, 116
RGB Percent	88%, 64%, 45%
CMY	0.1176, 0.3568, 0.5451
CMYK	0.00, 0.27, 0.48, 0.12
HSL	26°, 64%, 67%
HSV	26°, 48%, 88%
XYZ	47.4792, 43.8194, 22.4786
YIQ	176.7670, 51.7640, -1.9960

Conversions

Conversions Part 2

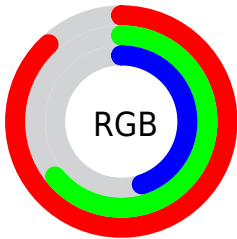
Format	Color
RYB	225, 202, 116
Decimal	14787700
CIELab	72.11, 16.95, 33.71
CIElCh	72, 37.729, 63.299
Yxy	43.8194, 0.4173, 0.3851
Android (android.graphics.Color)	4292977780 (0xFFE1A474)
YUV	176.7670, -29.9581, 42.3003
Hunter-Lab	66.1962, 12.1856, 26.2039

Details

The XYZ color **47.4792, 43.8194, 22.4786** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.5146, 40.5920, 77.1445**, and the grayscale version is **41.8018, 43.9788, 47.8929**.

A 20% lighter version of the original color is **73.7329, 74.7876, 48.0854**, and **22.7436, 20.2091, 8.0122** is the 20% darker color. If you saturate the color by 10%, you get **44.1829, 39.0738, 15.6862**, and if you desaturate by 10%, it is **51.3177, 49.1422, 31.0163**.

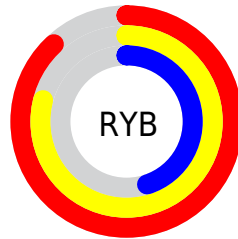
Distribution



Red (88%)

Green (64%)

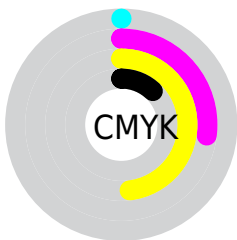
Blue (45%)



Red (88%)

Yellow (79%)

Blue (45%)

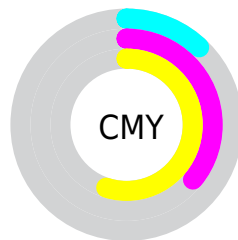


Cyan (0%)

Magenta (27%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4792, 43.8194, 22.4786 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 47.4792, 43.8194, 22.4786 by changing the saturation by 10% instead.


 47.4792, 43.8194,
22.4786

 47.4792, 43.8194,
22.4786


367.3411,
361.9708, 278.0701


 33.6242, 30.5286,
14.0073


 85.6429, 80.9459,
48.4480

 22.7665, 20.2401,
7.9869


 110.6822,
105.5504, 66.7833

 14.5410, 12.5697,
3.9989


 140.1804,
134.6948, 89.2436

 8.5821, 7.1329,
1.6248

174.5028,
168.7637, 116.2475

 4.5245, 3.5454,
0.3084

214.0147,
208.1413, 148.2136

 2.0029, 1.4227,
0.0000

259.0815,

 0.6356, 0.2333,

253.2121, 185.5604

0.0000

310.0685,
304.3605, 228.7064

■ 0.0000, 0.0000,
0.0000

■ 47.4792, 43.8194,
22.4786

■ 47.4792, 43.8194,
22.4786

■ 44.1829, 39.0738,
15.6862

■ 51.3177, 49.1422,
31.0163

■ 41.3959, 34.8769,
10.5117

■ 55.7224, 55.0566,
41.4091

■ 39.0860, 31.2066,
6.8143


■ 60.7193, 61.5843,
53.7607

■ 37.2149, 28.0364,
4.4275


■ 66.3321, 68.7438,
68.1664

■ 35.7292, 25.3327,
3.1071

■ 72.5826, 76.5528,
84.7151

 35.5219, 24.9488,
2.9434

 79.4919, 85.0283,
103.4906

 83.9559, 92.9368,
108.1214

 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



52.9092, 43.8194, 30.7351



47.4792, 43.8194, 22.4786



40.9387, 43.8194, 20.2939

Triad

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



47.4792, 43.8194, 22.4786



30.4452, 43.8194, 49.7871



48.8423, 43.8194, 84.0194

Complementary

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



47.4792, 43.8194, 22.4786



36.5146, 40.5920, 77.1445

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.



42.3675, 43.8194, 92.7297



47.4792, 43.8194, 22.4786



32.1118, 43.8194, 70.0111

Square

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



47.4792, 43.8194, 22.4786



31.5149, 43.8194, 33.4546



36.3168, 43.8194, 87.0383



53.7515, 43.8194, 65.5343

Rectangle

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



47.4792, 43.8194, 22.4786



36.9297, 43.8194, 21.9429



36.3168, 43.8194, 87.0383



46.7542, 43.8194, 88.3766

Sweetspot

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



47.4803, 43.8215, 22.4795



83.0397, 84.8725, 77.4806



45.3094, 31.7037, 45.7285



17.4455, 17.7447, 15.7492



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.4803, 43.8215, 22.4795



58.6968, 51.9190, 20.8652



59.2061, 67.2731, 26.3881



14.2015, 14.6890, 14.3935



20.5815, 14.6009, 1.7335



1.5147, 1.1882, 0.1495

Inverse Universe

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



36.5146, 40.5920, 77.1445



42.5092, 47.1196, 101.4623



27.9096, 23.3819, 74.2762



13.5851, 14.5093, 17.4722



12.2423, 11.9542, 42.7105



0.9373, 1.0061, 2.9900

Previews

White Background



This preview shows how the XYZ color 47.4792, 43.8194, 22.4786 looks on a white background.

Color Contrast Check

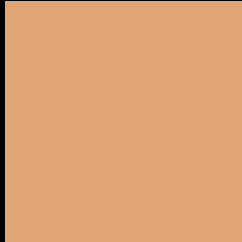
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.4792, 43.8194, 22.4786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

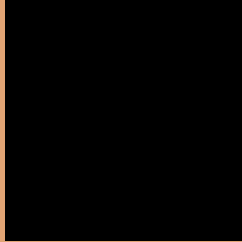
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4792, 43.8194, 22.4786

Background



This preview shows how black text looks on a background with the XYZ color 47.4792, 43.8194, 22.4786.



This preview shows how white text looks on a background with the XYZ color 47.4792, 43.8194,

22.4786.

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

47.4792, 43.8194, 22.4786

Protanopia

40.9116, 44.0312, 24.4318

Deuteranopia

44.7231, 43.7599, 22.3090



Tritanopia

51.8515, 43.8015, 43.2578

Trichromacy



Original Color

47.4792, 43.8194, 22.4786

Protanomaly

42.9841, 43.6743, 23.6172

Deuteranomaly

45.5285, 43.6270, 22.2409

Tritanomaly

50.0707, 43.8376, 34.6766

Monochromacy



Original Color

47.4792, 43.8194, 22.4786

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.9171, 43.3409, 37.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4792, 43.8194, 22.4786 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(225, 164, 116)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 116)  
}
```

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(225, 164, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 116) }
```

Border

The CSS property to change the border of an element to XYZ 47.4792, 43.8194, 22.4786 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(225, 164, 116) }
```


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

```
.border{ border-color:rgb(225, 164, 116) }
```

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

Here you see how a box with a 4 pixel rgb(225, 164, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 116);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4792, 43.8194, 22.4786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 116) }
```

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

```
.background{ background-color: rgb(225,  
164, 116) }
```

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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