

Converting Colors

XYZ(48.4689, 44.2550, 27.8244)

Have a look what the booklet for
XYZ(48.4689, 44.2550, 27.8244)
contains.

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Color

**XYZ(48.4917, 44.2244,
27.8102)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A484
RGB	225, 164, 132
RGB Percent	88%, 64%, 52%
CMY	0.1176, 0.3568, 0.4823
CMYK	0.00, 0.27, 0.41, 0.12
HSL	21°, 61%, 70%
HSV	21°, 41%, 88%
XYZ	48.4917, 44.2244, 27.8102
YIQ	178.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

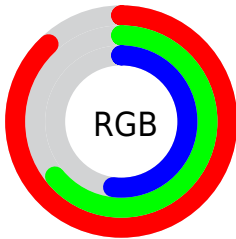
Format	Color
R _Y B	225, 181, 132
Decimal	14787716
CIE Lab	72.38, 18.59, 25.48
CIE LCh	72, 31.540, 53.892
Yxy	44.2244, 0.4023, 0.3669
Android (android.graphics.Color)	4292977796 (0xFFE1A484)
YUV	178.5910, -22.9694, 40.7007
Hunter-Lab	66.5014, 13.7816, 21.7565

Details

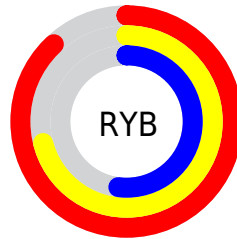
The XYZ color **48.4917, 44.2244, 27.8102** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.1756, 48.4800, 78.3689**, and the grayscale version is **42.7320, 44.9574, 48.9586**.

A 20% lighter version of the original color is **75.3285, 75.4258, 56.4873**, and **23.4656, 20.5224, 10.7071** is the 20% darker color. If you saturate the color by 10%, you get **44.6256, 38.6962, 19.7271**, and if you desaturate by 10%, it is **52.9985, 50.5026, 37.7460**.

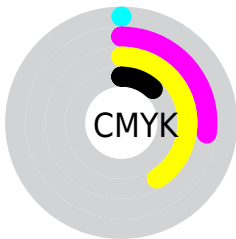
Distribution



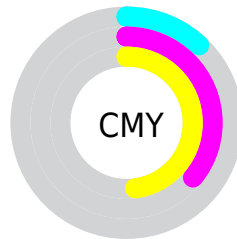
- Red (88%)
- Green (64%)
- Blue (52%)



- Red (88%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4917, 44.2244, 27.8102 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 48.4917, 44.2244, 27.8102 by changing the saturation by 10% instead.


 48.4917, 44.2244,
27.8102


 48.4917, 44.2244,
27.8102


371.2880,
363.6232, 305.4422


 34.4293, 30.8470,
17.9448


 87.1413, 81.5553,
57.2007

 23.3880, 20.4823,
10.7414


 112.4593,
106.2776, 77.5630

 15.0026, 12.7461,
5.7812


 142.2598,
135.5502, 102.2613

 8.9075, 7.2540,
2.6459

176.9082,
169.7577, 131.7141

 4.7375, 3.6214,
0.9160

216.7698,
209.2843, 166.3401

 2.1273, 1.4641,
0.0000

262.2101,

 0.7040, 0.2633,

254.5145, 206.5578

0.0000

313.5944,
305.8327, 252.7856

■ 0.0000, 0.0000,
0.0000

■ 48.4917, 44.2244,
27.8102

■ 48.4917, 44.2244,
27.8102

■ 44.6256, 38.6962,
19.7271

■ 52.9985, 50.5026,
37.7460

■ 41.3650, 33.8822,
13.3769

■ 58.1724, 57.5520,
49.6384

■ 38.6758, 29.7527,
8.6301

■ 64.0419, 65.4011,
63.5870

■ 36.5186, 26.2734,
5.3372

■ 70.6330, 74.0748,
79.6835

■ 34.8481, 23.4060,
3.3199

■ 77.9703, 83.5968,
98.0141

■ 33.7355, 21.3758,
2.3479

■ 84.0839, 93.1927,
108.1640

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



52.3207, 44.2244, 37.0294



48.4917, 44.2244, 27.8102



43.1546, 44.2244, 24.1209

Triad

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



48.4917, 44.2244, 27.8102



32.4839, 44.2244, 45.0410



46.4059, 44.2244, 80.9916

Complementary

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



48.4917, 44.2244, 27.8102



42.1756, 48.4800, 78.3689

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.



40.9329, 44.2244, 84.4227



48.4917, 44.2244, 27.8102



33.1925, 44.2244, 61.3068

Square

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



48.4917, 44.2244, 27.8102



34.1506, 44.2244, 32.5941



36.1766, 44.2244, 76.5749



51.0458, 44.2244, 68.0103

Rectangle

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



48.4917, 44.2244, 27.8102



39.5767, 44.2244, 24.5683



36.1766, 44.2244, 76.5749



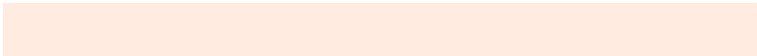
44.5908, 44.2244, 83.4020

Sweetspot

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



48.4928, 44.2265, 27.8111



84.4373, 86.0405, 82.9629



49.0405, 36.4056, 55.4815



17.8440, 18.1118, 17.2076



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.



48.4928, 44.2265, 27.8111



59.7377, 52.0740, 27.1527



58.1397, 63.5204, 31.0267



14.0910, 14.4679, 14.3567



19.5381, 12.5140, 1.3857



1.4357, 1.0302, 0.1232

Inverse Universe

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



42.1756, 48.4800, 78.3689



50.2018, 58.4200, 103.2380



33.6184, 31.3656, 75.5165



13.6987, 14.7366, 17.5101



14.0079, 15.4853, 43.2990



1.0534, 1.2382, 3.0287

Previews

White Background



This preview shows how the XYZ color 48.4917, 44.2244, 27.8102 looks on a white background.

Color Contrast Check

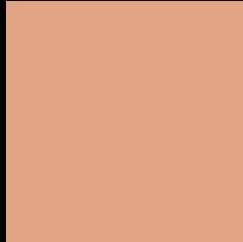
Large Text (above 18pt) WCAG AA × Fail

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 48.4917, 44.2244, 27.8102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

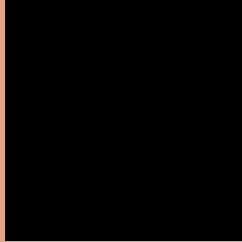
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4917, 44.2244, 27.8102

Background



This preview shows how black text looks on a background with the XYZ color 48.4917, 44.2244, 27.8102.



This preview shows how white text looks on a background with the XYZ color 48.4917, 44.2244,

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

48.4917, 44.2244, 27.8102

Protanopia

41.7430, 44.6229, 30.4577

Deuteranopia

45.0498, 44.0898, 27.6085



Tritanopia

52.0619, 44.3946, 44.3531

Trichromacy



Original Color

48.4917, 44.2244, 27.8102

Protanomaly

44.0161, 44.3612, 29.5352

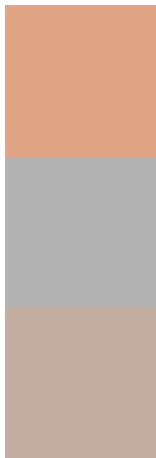
Deuteranomaly

46.1237, 44.0910, 27.5522

Tritanomaly

50.8256, 44.4180, 37.7930

Monochromacy



Original Color

48.4917, 44.2244, 27.8102

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.4226, 44.6165, 40.4529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4917, 44.2244, 27.8102 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 48.4917, 44.2244, 27.8102 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, 132) }
```


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

```
.border{ border-color:rgb(225, 164, 132) }
```

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, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4917, 44.2244, 27.8102 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, 132) }
```

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

```
.background{ background-color: rgb(225,  
164, 132) }
```

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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