

Converting Colors

XYZ(47.4615, 41.7737, 28.7030)

Have a look what the booklet for
XYZ(47.4615, 41.7737, 28.7030)
contains.

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Color

**XYZ(47.5522, 41.8991,
28.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	E19D88
RGB	225, 157, 136
RGB Percent	88%, 62%, 53%
CMY	0.1176, 0.3843, 0.4667
CMYK	0.00, 0.30, 0.40, 0.12
HSL	14°, 60%, 71%
HSV	14°, 40%, 88%
XYZ	47.5522, 41.8991, 28.8736
YIQ	174.9380, 47.2690, 7.8850

Conversions

Conversions Part 2

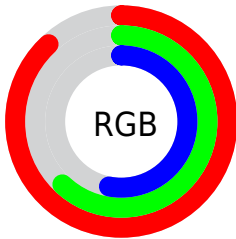
Format	Color
R _Y B	225, 163, 136
Decimal	14785928
CIE Lab	70.80, 22.79, 21.17
CIE LCh	71, 31.100, 42.887
Yxy	41.8991, 0.4019, 0.3541
Android (android.graphics.Color)	4292976008 (0xFFE19D88)
YUV	174.9380, -19.1964, 43.9044
Hunter-Lab	64.7295, 17.8547, 18.8634

Details

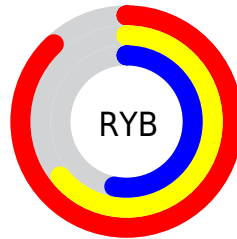
The XYZ color **47.5522, 41.8991, 28.8736** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3358, 53.8539, 79.2393**, and the grayscale version is **40.7955, 42.9200, 46.7399**.

A 20% lighter version of the original color is **73.9688, 72.0211, 58.1470**, and **22.8797, 19.0999, 11.2848** is the 20% darker color. If you saturate the color by 10%, you get **43.4115, 35.9137, 20.4152**, and if you desaturate by 10%, it is **52.4399, 48.8412, 39.2378**.

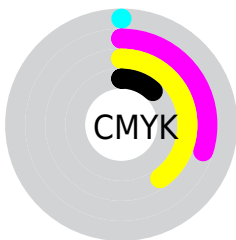
Distribution



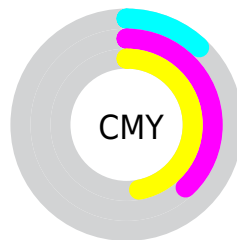
- Red (88%)
- Green (62%)
- Blue (53%)



- Red (88%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5522, 41.8991, 28.8736 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 47.5522, 41.8991, 28.8736 by changing the saturation by 10% instead.


 47.5522, 41.8991,
28.8736


 47.5522, 41.8991,
28.8736


367.6266,
354.0645, 310.6604


 33.6822, 29.0223,
18.7405


 85.7510, 78.0469,
58.9160

 22.8113, 19.0977,
11.3080


 110.8106,
102.0867, 79.6623

 14.5741, 11.7409,
6.1576


 140.3306,
130.6162, 104.7835

 8.6054, 6.5675,
2.8708

174.6766,
164.0200, 134.6980

 4.5398, 3.1931,
1.0291

214.2138,
202.6823, 169.8244

 2.0118, 1.2334,
0.0000

259.3077,

 0.6406, 0.0887,

246.9875, 210.5812

0.0000

310.3235,
297.3201, 257.3870

■ 0.0000, 0.0000,
0.0000

■ 47.5522, 41.8991,
28.8736

■ 47.5522, 41.8991,
28.8736

■ 43.4115, 35.9137,
20.4152

■ 52.4399, 48.8412,
39.2378

■ 39.9764, 30.8364,
13.7429

■ 58.1068, 56.7737,
51.6126

■ 37.2062, 26.6234,
8.7273

■ 64.5869, 65.7359,
66.0978

■ 35.0545, 23.2249,
5.2202

■ 71.9113, 75.7634,
82.7860

■ 33.4679, 20.5852,
3.0466

■ 80.1094, 86.8899,
101.7643

■ 32.3698, 18.6358,
1.9197

■ 84.8612, 94.7475,
108.4232

■ 32.3290, 18.5631,
1.8791

Harmonies

Analogous

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



50.3101, 41.8991, 39.5672



47.5522, 41.8991, 28.8736



42.8181, 41.8991, 23.4803

Triad

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



47.5522, 41.8991, 28.8736



31.0668, 41.8991, 37.7534



42.0800, 41.8991, 79.3410

Complementary

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



47.5522, 41.8991, 28.8736



45.3358, 53.8539, 79.2393

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.



36.9726, 41.8991, 78.5587



47.5522, 41.8991, 28.8736



30.9064, 41.8991, 52.2628

Square

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



47.5522, 41.8991, 28.8736



33.4405, 41.8991, 27.7943



32.9818, 41.8991, 67.8431



46.9718, 41.8991, 69.7934

Rectangle

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



47.5522, 41.8991, 28.8736



39.3257, 41.8991, 22.7035



32.9818, 41.8991, 67.8431



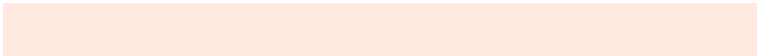
40.3262, 41.8991, 80.3289

Sweetspot

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



47.5533, 41.9011, 28.8744



83.4992, 84.1642, 82.6502



50.7827, 37.9870, 61.9293



17.6244, 17.6724, 17.1343



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.



47.5533, 41.9011, 28.8744



58.7985, 49.3631, 29.4061



56.4442, 59.6829, 31.8381



13.9685, 14.2230, 14.3159



18.7045, 10.8468, 1.1078



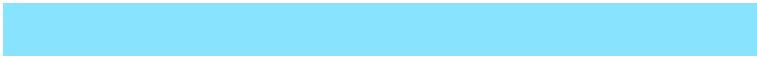
1.3650, 0.8888, 0.0996

Inverse Universe

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



45.3358, 53.8539, 79.2393



55.4567, 67.1651, 104.6490



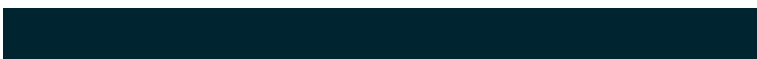
36.2689, 35.7201, 76.2170



13.8281, 14.9953, 17.5532



16.4153, 20.3001, 44.1015



1.2049, 1.5412, 3.0792

Previews

White Background



This preview shows how the XYZ color 47.5522, 41.8991, 28.8736 looks on a white background.

Color Contrast Check

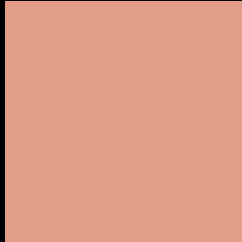
Large Text (above 18pt) WCAG AA × Fail

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 47.5522, 41.8991, 28.8736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

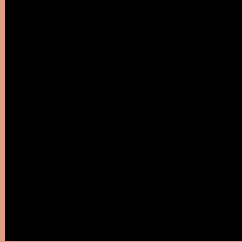
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5522, 41.8991, 28.8736

Background



This preview shows how black text looks on a background with the XYZ color 47.5522, 41.8991, 28.8736.



This preview shows how white text looks on a background with the XYZ color 47.5522, 41.8991,

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

47.5522, 41.8991, 28.8736

Protanopia

39.5061, 41.9680, 32.4040

Deuteranopia

43.0236, 42.1960, 28.4313



Tritanopia

50.1777, 41.9931, 41.0581

Trichromacy



Original Color

47.5522, 41.8991, 28.8736

Protanomaly

41.9151, 41.5663, 31.0132

Deuteranomaly

44.6217, 41.9407, 28.6652

Tritanomaly

49.0669, 41.7752, 36.0492

Monochromacy



Original Color

47.5522, 41.8991, 28.8736

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.4280, 41.9159, 39.5726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5522, 41.8991, 28.8736 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, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(225, 157, 136)  
}
```

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, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 157, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.5522, 41.8991, 28.8736 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, 157, 136) }
```


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

```
.border{ border-color:rgb(225, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(225, 157,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5522, 41.8991, 28.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 157, 136) }
```

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

```
.background{ background-color: rgb(225,  
157, 136) }
```

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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