

Converting Colors

XYZ(47.7947, 43.2272, 28.0620)

Have a look what the booklet for
XYZ(47.7947, 43.2272, 28.0620)
contains.

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Color

**XYZ(47.8944, 43.3814,
28.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A285
RGB	224, 162, 133
RGB Percent	88%, 64%, 52%
CMY	0.1216, 0.3647, 0.4784
CMYK	0.00, 0.28, 0.41, 0.12
HSL	19°, 59%, 70%
HSV	19°, 41%, 88%
XYZ	47.8944, 43.3814, 28.0394
YIQ	177.2320, 46.2610, 4.1250

Conversions

Conversions Part 2

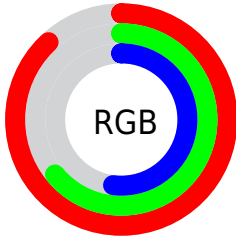
Format	Color
R _{YB}	224, 176, 133
Decimal	14721669
CIE Lab	71.81, 19.38, 24.16
CIE LCh	72, 30.969, 51.271
Yxy	43.3814, 0.4014, 0.3636
Android (android.graphics.Color)	4292911749 (0xFFE0A285)
YUV	177.2320, -21.8064, 41.0155
Hunter-Lab	65.8646, 14.5360, 20.8647

Details

The XYZ color **47.8944, 43.3814, 28.0394** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.6416, 49.3965, 77.8079**, and the grayscale version is **42.0069, 44.1945, 48.1278**.

A 20% lighter version of the original color is **74.9158, 74.4309, 56.8725**, and **23.0736, 19.9919, 10.8263** is the 20% darker color. If you saturate the color by 10%, you get **43.9819, 37.7746, 19.8972**, and if you desaturate by 10%, it is **52.4653, 49.7769, 38.0300**.

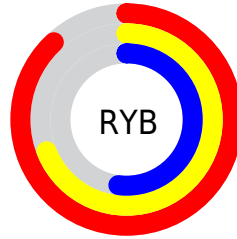
Distribution



Red (88%)

Green (64%)

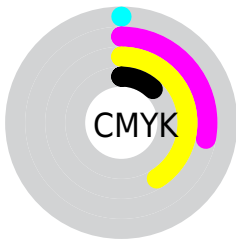
Blue (52%)



Red (88%)

Yellow (69%)

Blue (52%)

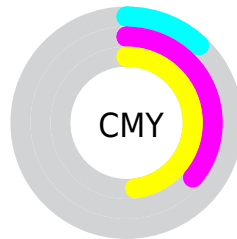


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8944, 43.3814, 28.0394 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 47.8944, 43.3814, 28.0394 by changing the saturation by 10% instead.


 47.8944, 43.3814,
28.0394


 47.8944, 43.3814,
28.0394


368.9630,
360.1779, 306.5730


 33.9542, 30.1845,
18.1161


 86.2578, 80.2861,
57.5712

 23.0211, 19.9787,
10.8630


 111.4117,
104.7627, 78.0167

 14.7299, 12.3795,
5.8618


 141.0342,
133.7679, 102.8068

 8.7151, 7.0027,
2.6938

175.4906,
167.6862, 132.3598

 4.6114, 3.4638,
0.9403

215.1463,
206.9019, 167.0944

 2.0535, 1.3784,
0.0000

260.3667,

 0.6638, 0.2007,

251.7996, 207.4291

0.0000

311.5172,
302.7634, 253.7825

■ 0.0000, 0.0000,
0.0000

■ 47.8944, 43.3814,
28.0394

■ 47.8944, 43.3814,
28.0394

■ 43.9819, 37.7746,
19.8972

■ 52.4653, 49.7769,
38.0300

■ 40.6919, 32.9185,
13.4855

■ 57.7218, 56.9845,
49.9718

■ 37.9893, 28.7810,
8.6766

■ 63.6932, 65.0346,
63.9629

■ 35.8341, 25.3252,
5.3239

■ 70.4062, 73.9540,
80.0942

■ 34.1800, 22.5099,
3.2529

■ 77.8861, 83.7681,
98.4510

■ 33.0190, 20.4044,
2.1982

■ 84.0951, 93.6767,
108.2569

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



51.4015, 43.3814, 37.4808



47.8944, 43.3814, 28.0394



42.7879, 43.3814, 23.9873

Triad

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



47.8944, 43.3814, 28.0394



32.0163, 43.3814, 42.9711



45.0144, 43.3814, 79.7215

Complementary

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



47.8944, 43.3814, 28.0394



42.6416, 49.3965, 77.8079

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.



39.7157, 43.3814, 82.0673



47.8944, 43.3814, 28.0394



32.5022, 43.3814, 58.5497

Square

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



47.8944, 43.3814, 28.0394



33.8306, 43.3814, 31.3223



35.2193, 43.3814, 73.6469



49.6428, 43.3814, 67.7891

Rectangle

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



47.8944, 43.3814, 28.0394



39.2861, 43.3814, 24.1297



35.2193, 43.3814, 73.6469



43.2426, 43.3814, 81.7450

Sweetspot

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



47.8955, 43.3835, 28.0403



84.2154, 85.5965, 82.8889



48.9992, 36.5711, 56.2151



17.7920, 18.0077, 17.1902



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.



47.8955, 43.3835, 28.0403



59.6241, 51.5761, 27.9493



57.3638, 62.3200, 31.1963



14.0620, 14.4101, 14.3471



19.3113, 12.0606, 1.3101



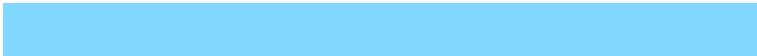
1.4174, 0.9937, 0.1171

Inverse Universe

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



42.6416, 49.3965, 77.8079



51.6083, 60.6592, 103.5961



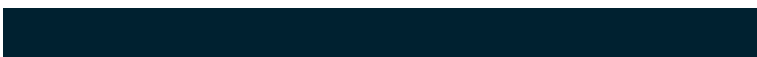
33.9836, 32.0805, 74.9219



13.7290, 14.7970, 17.5202



14.5322, 16.5339, 43.4738



1.0869, 1.3052, 3.0399

Previews

White Background



This preview shows how the XYZ color 47.8944, 43.3814, 28.0394 looks on a white background.

Color Contrast Check

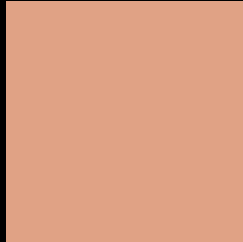
Large Text (above 18pt) WCAG AA × Fail

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 47.8944, 43.3814, 28.0394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

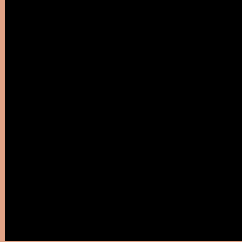
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8944, 43.3814, 28.0394

Background



This preview shows how black text looks on a background with the XYZ color 47.8944, 43.3814, 28.0394.



This preview shows how white text looks on a background with the XYZ color 47.8944, 43.3814,

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

47.8944, 43.3814, 28.0394

Protanopia

40.9246, 43.6061, 30.6860

Deuteranopia

44.3652, 43.4518, 27.8785



Tritanopia

50.8970, 43.3094, 43.2131

Trichromacy



Original Color

47.8944, 43.3814, 28.0394

Protanomaly

43.1657, 43.3495, 29.7591

Deuteranomaly

45.5326, 43.2345, 27.7751

Tritanomaly

49.7629, 43.3653, 37.2000

Monochromacy



Original Color

47.8944, 43.3814, 28.0394

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.4337, 43.5476, 39.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8944, 43.3814, 28.0394 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(224, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 133)  
}
```

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(224, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 133) }
```

Border

The CSS property to change the border of an element to XYZ 47.8944, 43.3814, 28.0394 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(224, 162, 133) }
```


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

```
.border{ border-color:rgb(224, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8944, 43.3814, 28.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 133) }
```

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

```
.background{ background-color: rgb(224,  
162, 133) }
```

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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