Converting Colors

XYZ(48.3764, 43.9889, 27.7500)

Have a look what the booklet for XYZ(48.3764, 43.9889, 27.7500) contains.

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Color

XYZ(48.3134, 43.8679, 27.7508)

Conversions

Format	Color
Hex	E1A384
RGB	225, 163, 132
RGB Percent	88%, 64%, 52%
CMY	0.1176, 0.3608, 0.4823
CMYK	0.00, 0.28, 0.41, 0.12
HSL	20°, 61%, 70%
HSV	20°, 41%, 88%
XYZ	48.3134, 43.8679, 27.7508
YIQ	178.0040, 46.9030, 3.5030

Conversions Part 1

Conversions

Conversions Part 2

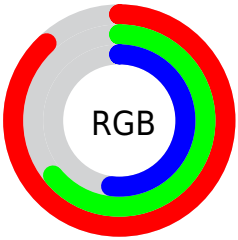
Format	Color
RYB	225, 179, 132
Decimal	14787460
CIELab	72.14, 19.12, 25.16
CIELCh	72, 31.603, 52.765
Yxy	43.8679, 0.4028, 0.3658
Android (android.graphics.Color)	4292977540 (0xFFE1A384)
YUV	178.0040, -22.6800, 41.2155
Hunter-Lab	66.2328, 14.2989, 21.5212

Details

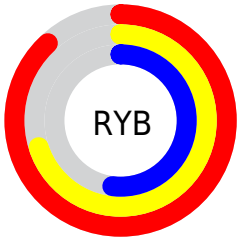
The XYZ color 48.3134, 43.8679, 27.7508 is a light color, and the websafe version is hex CC9966. A complement of this color would be 42.3973, 48.9235, 78.4427, and the grayscale version is 42.4189, 44.6279, 48.5998.

A 20% lighter version of the original color is 75.0684, 74.9056, 56.4006, and 23.3559, 20.3029, 10.6705 is the 20% darker color. If you saturate the color by 10%, you get 44.4297, 38.3045, 19.6618, and if you desaturate by 10%, it is 52.8472, 50.2000, 37.6956.

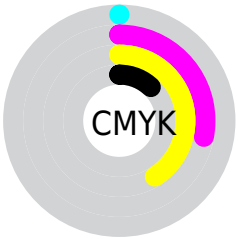
Distribution



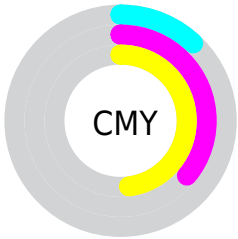
- Red (88%)
- Green (64%)
- Blue (52%)



- Red (88%)
- Yellow (70%)
- 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 48.3134, 43.8679, 27.7508 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 48.3134, 43.8679, 27.7508 by changing the saturation by 10% instead.

48.3134, 43.8679, 27.7508

48.3134, 43.8679, 27.7508

370.5950, 362.1689, 305.1486

34.2874, 30.5667, 17.9005

86.8777, 81.0189, 57.1046

23.2784, 20.2691, 10.7099

112.1468, 105.6375, 77.4452

14.9211, 12.5908, 5.7604

141.8942, 134.7973, 102.1197

8.8500, 7.1474, 2.6335

176.4854, 168.8828, 131.5465

4.6998, 3.5544, 0.9097

216.2858, 208.2783, 166.1443

2.1051, 1.4276, 0.0000

261.6606,

0.6920, 0.2369,

253.3682, 206.3316

0.0000

312.9752, 304.5370, 252.5268

0.0000, 0.0000, 0.0000

48.3134, 43.8679, 27.7508

48.3134, 43.8679, 27.7508

44.4297, 38.3045, 19.6618

52.8472, 50.2000, 37.6956

41.1603, 33.4730, 13.3087

58.0580, 57.3234, 49.6003

38.4706, 29.3426, 8.5617

63.9749, 65.2673, 63.5646

36.3206, 25.8773, 5.2712

70.6243, 74.0575, 79.6805

34.6639, 23.0377, 3.2585

78.0312, 83.7187, 98.0344

33.5682, 21.0413, 2.2921

84.2262, 93.4773, 108.2115

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.

52.0445, 43.8679, 37.1367

48.3134, 43.8679, 27.7508

43.0193, 43.8679, 23.8818

Triad

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

48.3134, 43.8679, 27.7508

32.2012, 43.8679, 44.1091

45.8524, 43.8679, 80.8491

Complementary

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

48.3134, 43.8679, 27.7508

42.3973, 48.9235, 78.4427

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.

40.3984, 43.8679, 83.8454

48.3134, 43.8679, 27.7508

32.8176, 43.8679, 60.2485

Square

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

48.3134, 43.8679, 27.7508

33.9475, 43.8679, 31.9071

35.7107, 43.8679, 75.6350

50.5401, 43.8679, 68.1603

Rectangle

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

48.3134, 43.8679, 27.7508

39.4381, 43.8679, 24.1976

35.7107, 43.8679, 75.6350

44.0367, 43.8679, 83.1211

Sweetspot

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

48.3145, 43.8700, 27.7517

84.3433, 85.8523, 82.9316

49.0404, 36.4055, 55.4815

17.8220, 18.0677, 17.2002

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.

48.3145, 43.8700, 27.7517

59.4794, 51.5574, 27.0666

58.1396, 63.5203, 31.0267

14.0787, 14.4434, 14.3526

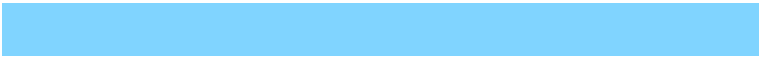
19.4397, 12.3173, 1.3529

1.4278, 1.0145, 0.1206

Inverse Universe

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

42.3973, 48.9235, 78.4427



50.5440, 59.1045, 103.3521

33.6184, 31.3656, 75.5163

13.7115, 14.7621, 17.5144

14.2267, 15.9230, 43.3720

1.0674, 1.2663, 3.0334

Previews

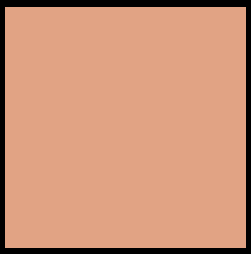
White Background

This preview shows how the XYZ color 48.3134, 43.8679, 27.7508 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



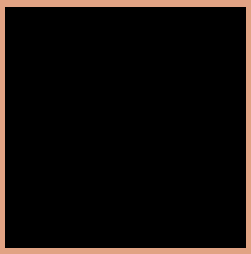
This preview shows how the XYZ color 48.3134, 43.8679, 27.7508 looks on a black background.

Color Contrast Check

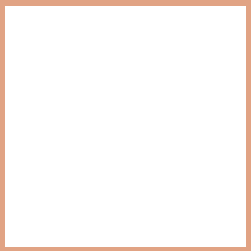
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 48.3134, 43.8679, 27.7508 Background



This preview shows how black text looks on a background with the XYZ color 48.3134, 43.8679, 27.7508.



This preview shows how white text looks on a background with the XYZ color 48.3134, 43.8679,

27.7508.

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

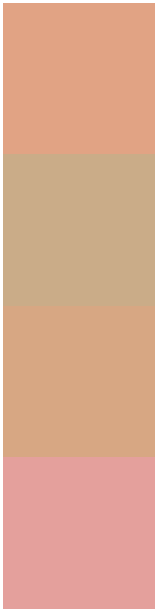
Original Color
48.3134, 43.8679, 27.7508

Protanopia
41.2959, 44.0981, 30.3800

Deuteranopia
44.7660, 43.9435, 27.5952

Tritanopia
51.7957, 44.0140, 43.7958

Trichromacy



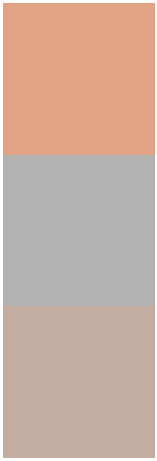
Original Color
48.3134, 43.8679, 27.7508

Protanomaly
43.5536, 43.8392, 29.4588

Deuteranomaly
45.9398, 43.7232, 27.4909

Tritanomaly
50.5665, 44.0359, 37.2871

Monochromacy



Original Color
48.3134, 43.8679, 27.7508

Achromatopsia
42.3164, 44.5201, 48.4824

Achromatomaly
43.8823, 44.0625, 39.9103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3134, 43.8679, 27.7508 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, 163, 132) looks like.

```
.text, #text, p{
    color:rgb(225, 163, 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, 163, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 163, 132) }
```

Border

The CSS property to change the border of an element to XYZ 48.3134, 43.8679, 27.7508 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, 163, 132) }
```

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

```
.border{ border-color:rgb(225, 163, 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, 163, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 163, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 163, 132); box-shadow:4px 4px 4px 4px rgb(225, 163, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3134, 43.8679, 27.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(225, 163, 132) }
```

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

```
.background{ background-color:rgb(225,
163, 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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