

Converting Colors

XYZ(48.4363, 43.7355, 28.0600)

Have a look what the booklet for
XYZ(48.4363, 43.7355, 28.0600)
contains.

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Color

**XYZ(48.5180, 43.7029,
28.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A285
RGB	226, 162, 133
RGB Percent	89%, 64%, 52%
CMY	0.1137, 0.3647, 0.4784
CMYK	0.00, 0.28, 0.41, 0.11
HSL	19°, 62%, 70%
HSV	19°, 41%, 89%
XYZ	48.5180, 43.7029, 28.0686
YIQ	177.8300, 47.4530, 4.5490

Conversions

Conversions Part 2

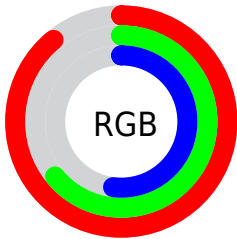
Format	Color
R _Y B	226, 175, 133
Decimal	14852741
CIE Lab	72.03, 20.16, 24.49
CIE LCh	72, 31.720, 50.534
Yxy	43.7029, 0.4033, 0.3633
Android (android.graphics.Color)	4293042821 (0xFFE2A285)
YUV	177.8300, -22.1012, 42.2451
Hunter-Lab	66.1082, 15.3151, 21.1020

Details

The XYZ color **48.5180, 43.7029, 28.0686** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.3657, 50.4079, 79.3955**, and the grayscale version is **42.3236, 44.5277, 48.4907**.

A 20% lighter version of the original color is **74.9158, 74.4309, 56.8725**, and **23.2857, 20.1012, 10.8362** is the 20% darker color. If you saturate the color by 10%, you get **44.5495, 38.0015, 19.8537**, and if you desaturate by 10%, it is **53.1635, 50.2205, 38.1673**.

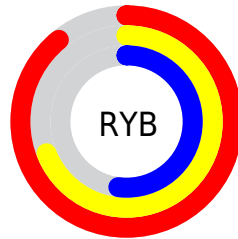
Distribution



Red (89%)

Green (64%)

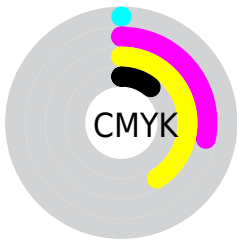
Blue (52%)



Red (89%)

Yellow (69%)

Blue (52%)

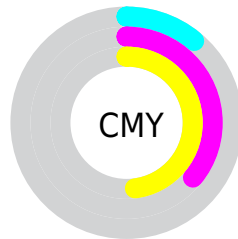


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5180, 43.7029, 28.0686 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 48.5180, 43.7029, 28.0686 by changing the saturation by 10% instead.


 48.5180, 43.7029,
28.0686


 48.5180, 43.7029,
28.0686


371.3902,
361.4945, 306.7168


 34.4502, 30.4370,
18.1379


 87.1802, 80.7705,
57.6184

 23.4042, 20.1705,
10.8786


 112.5053,
105.3410, 78.0745

 15.0146, 12.5191,
5.8721


 142.3136,
134.4485, 102.8762

 8.9160, 7.0982,
2.6999

176.9705,
168.4773, 132.4420

 4.7431, 3.5236,
0.9434

216.8412,
207.8120, 167.1904

 2.1305, 1.4108,
0.0000

262.2912,

 0.7057, 0.2247,

252.8368, 207.5400

0.0000

313.6857,
303.9362, 253.9093

■ 0.0000, 0.0000,
0.0000

■ 48.5180, 43.7029,
28.0686

■ 48.5180, 43.7029,
28.0686

■ 44.5495, 38.0015,
19.8537

■ 53.1635, 50.2205,
38.1673

■ 41.2205, 33.0766,
13.4013

■ 58.5141, 57.5793,
50.2554

■ 38.4949, 28.8946,
8.5800

■ 64.6004, 65.8108,
64.4338

■ 36.3308, 25.4163,
5.2383

■ 71.4500, 74.9433,
80.7957

■ 34.6799, 22.5986,
3.1960

■ 79.0891, 85.0034,
99.4287

■ 33.5846, 20.6100,
2.2080

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



52.0776, 43.7029, 37.8684



48.5180, 43.7029, 28.0686



43.2753, 43.7029, 23.8060

Triad

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



48.5180, 43.7029, 28.0686



32.0866, 43.7029, 42.8450



45.3006, 43.7029, 81.3496

Complementary

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



48.5180, 43.7029, 28.0686



43.3657, 50.4079, 79.3955

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.



39.8484, 43.7029, 83.4976



48.5180, 43.7029, 28.0686



32.5264, 43.7029, 58.8360

Square

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



48.5180, 43.7029, 28.0686



34.0038, 43.7029, 31.0288



35.2623, 43.7029, 74.5339



50.1109, 43.7029, 69.1796

Rectangle

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



48.5180, 43.7029, 28.0686



39.6627, 43.7029, 23.8669



35.2623, 43.7029, 74.5339



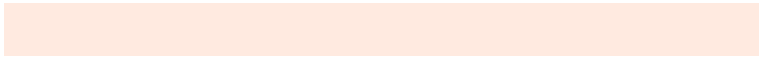
43.4721, 43.7029, 83.3571

Sweetspot

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



48.5191, 43.7050, 28.0695



84.1556, 85.4771, 82.8690



49.9563, 37.0260, 58.0005



17.7780, 17.9797, 17.1856



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.



48.5191, 43.7050, 28.0695



59.4643, 51.2564, 27.8961



58.0076, 62.6820, 31.2323



14.0543, 14.3945, 14.3445



19.2535, 11.9449, 1.2908



1.4126, 0.9842, 0.1155

Inverse Universe

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



43.3657, 50.4079, 79.3955



51.8272, 61.0970, 103.6691



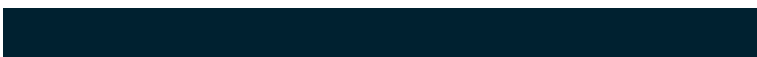
34.5641, 32.8048, 76.4616



13.7371, 14.8134, 17.5229



14.6779, 16.8254, 43.5224



1.0962, 1.3238, 3.0430

Previews

White Background



This preview shows how the XYZ color 48.5180, 43.7029, 28.0686 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 48.5180, 43.7029, 28.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

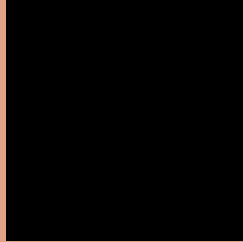
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5180, 43.7029, 28.0686

Background



This preview shows how black text looks on a background with the XYZ color 48.5180, 43.7029, 28.0686.



This preview shows how white text looks on a background with the XYZ color 48.5180, 43.7029,

28.0686.

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

48.5180, 43.7029, 28.0686

Protanopia

41.1948, 44.0291, 31.1382

Deuteranopia

44.8341, 43.9707, 27.9540



Tritanopia

51.5315, 43.6365, 43.2428

Trichromacy



Original Color

48.5180, 43.7029, 28.0686

Protanomaly

43.6250, 43.8677, 29.8349

Deuteranomaly

46.0079, 43.7504, 27.8496

Tritanomaly

50.3938, 43.6906, 37.2296

Monochromacy



Original Color

48.5180, 43.7029, 28.0686

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.7798, 43.7158, 40.3130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5180, 43.7029, 28.0686 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(226, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 133) }
```

Border

The CSS property to change the border of an element to XYZ 48.5180, 43.7029, 28.0686 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(226, 162, 133) }
```


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

```
.border{ border-color:rgb(226, 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(226, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(226, 162,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5180, 43.7029, 28.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 133) }
```

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

```
.background{ background-color: rgb(226,  
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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