

Converting Colors

XYZ(52.3378, 48.1320, 28.7379)

Have a look what the booklet for
XYZ(52.3378, 48.1320, 28.7379)
contains.

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Color

**XYZ(52.4008, 48.1429,
28.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AB85
RGB	233, 171, 133
RGB Percent	91%, 67%, 52%
CMY	0.0863, 0.3294, 0.4784
CMYK	0.00, 0.27, 0.43, 0.09
HSL	23°, 69%, 72%
HSV	23°, 43%, 91%
XYZ	52.4008, 48.1429, 28.7210
YIQ	185.2060, 49.1500, 1.3260

Conversions

Conversions Part 2

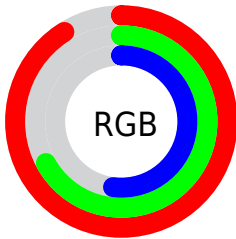
Format	Color
R _Y B	233, 194, 133
Decimal	15313797
CIE Lab	74.91, 18.11, 28.48
CIE LCh	75, 33.755, 57.550
Yxy	48.1429, 0.4054, 0.3724
Android (android.graphics.Color)	4293503877 (0xFFE9AB85)
YUV	185.2060, -25.7376, 41.9153
Hunter-Lab	69.3851, 13.3823, 24.0273

Details

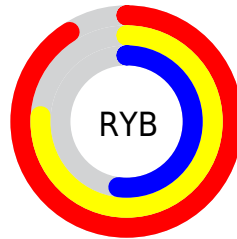
The XYZ color **52.4008, 48.1429, 28.7210** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.8951, 49.8980, 84.4084**, and the grayscale version is **46.3495, 48.7632, 53.1032**.

A 20% lighter version of the original color is **77.2993, 79.1979, 57.6670**, and **25.8374, 22.9321, 11.2482** is the 20% darker color. If you saturate the color by 10%, you get **48.3853, 42.4087, 20.3023**, and if you desaturate by 10%, it is **57.0740, 54.6210, 39.1213**.

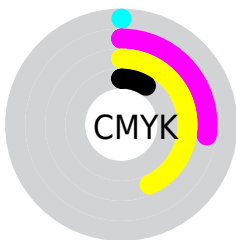
Distribution



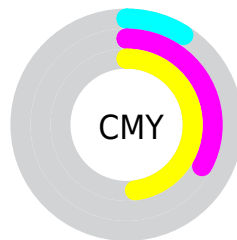
- Red (91%)
- Green (67%)
- Blue (52%)



- Red (91%)
- Yellow (76%)
- Blue (52%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4008, 48.1429, 28.7210 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 52.4008, 48.1429, 28.7210 by changing the saturation by 10% instead.


 52.4008, 48.1429,
28.7210

 52.4008, 48.1429,
28.7210


386.2806,
379.3583, 309.9159


 37.5502, 33.9401,
18.6261


 92.8928, 87.4171,
58.6704

 25.8094, 22.8476,
11.2264


 119.2649,
113.2573, 79.3620

 16.8130, 14.4810,
6.1032


 150.2082,
143.7454, 104.4229

 10.1958, 8.4560,
2.8381

186.0881,
179.2658, 134.2716

 5.5922, 4.3881,
1.0126

227.2700,
220.2029, 169.3268

 2.6370, 1.8929,
0.0000

274.1191,

 0.9649, 0.5441,

266.9411, 210.0068

0.0000

327.0008,
319.8647, 256.7304

■ 0.0000, 0.0000,
0.0000

■ 52.4008, 48.1429,
28.7210

■ 52.4008, 48.1429,
28.7210

■ 48.3853, 42.4087,
20.3023

■ 57.0740, 54.6210,
39.1213

■ 44.9905, 37.3827,
13.7335

■ 62.4320, 61.8629,
51.6177

■ 42.1807, 33.0365,
8.8710

■ 68.5048, 69.8963,
66.3192

■ 39.9143, 29.3364,
5.5486

■ 75.3193, 78.7455,
83.3262

■ 38.1428, 26.2450,
3.5655

■ 82.9009, 88.4334,
102.7332

■ 37.1394, 24.3940,
2.7511

■ 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



57.0631, 48.1429, 38.2647



52.4008, 48.1429, 28.7210



46.2658, 48.1429, 25.3430

Triad

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



52.4008, 48.1429, 28.7210



34.9322, 48.1429, 50.9849



51.4482, 48.1429, 88.5414

Complementary

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



52.4008, 48.1429, 28.7210



43.8951, 49.8980, 84.4084

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.



45.2547, 48.1429, 94.0542



52.4008, 48.1429, 28.7210



36.0549, 48.1429, 69.6942

Square

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



52.4008, 48.1429, 28.7210



36.4879, 48.1429, 36.2675



39.7024, 48.1429, 86.5038



56.4795, 48.1429, 72.7705

Rectangle

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



52.4008, 48.1429, 28.7210



42.2847, 48.1429, 26.3068



39.7024, 48.1429, 86.5038



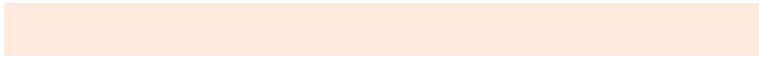
49.4173, 48.1429, 91.7910

Sweetspot

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



52.4020, 48.1452, 28.7220



83.9554, 85.6274, 81.1047



51.9938, 38.0998, 57.0376



17.6002, 17.8421, 16.4538



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.



52.4020, 48.1452, 28.7220



59.6820, 52.4836, 25.5273



63.3437, 70.0287, 32.3692



15.5347, 15.9923, 15.7868



21.1841, 14.0625, 1.5978



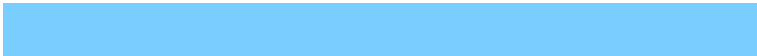
1.7537, 1.2847, 0.1555

Inverse Universe

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



43.8951, 49.8980, 84.4084



47.8698, 54.8608, 102.6739



34.7116, 31.5310, 81.3472



15.0090, 16.1043, 19.2396



14.1665, 14.9800, 45.8877



1.2047, 1.3609, 3.6341

Previews

White Background



This preview shows how the XYZ color 52.4008, 48.1429, 28.7210 looks on a white background.

Color Contrast Check

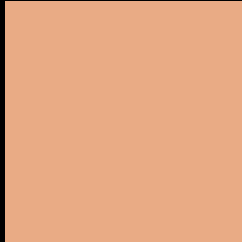
Large Text (above 18pt) WCAG AA × Fail

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 52.4008, 48.1429, 28.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

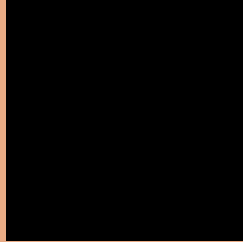
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4008, 48.1429, 28.7210

Background



This preview shows how black text looks on a background with the XYZ color 52.4008, 48.1429, 28.7210.



This preview shows how white text looks on a background with the XYZ color 52.4008, 48.1429,

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

52.4008, 48.1429, 28.7210

Protanopia

45.2979, 48.5678, 31.4132

Deuteranopia

49.1004, 48.1703, 28.5397



Tritanopia

56.4161, 48.1291, 48.4359

Trichromacy



Original Color

52.4008, 48.1429, 28.7210

Protanomaly

47.7006, 48.2975, 30.4752

Deuteranomaly

50.2353, 48.1732, 28.4805

Tritanomaly

54.9324, 48.0789, 40.5673

Monochromacy



Original Color

52.4008, 48.1429, 28.7210

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.5613, 47.9522, 42.8254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4008, 48.1429, 28.7210 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(233, 171, 133)` looks like.

```
.text, #text, p{  
    color:rgb(233, 171, 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(233, 171, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 171, 133) }
```

Border

The CSS property to change the border of an element to XYZ 52.4008, 48.1429, 28.7210 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(233, 171, 133) }
```


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

```
.border{ border-color:rgb(233, 171, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 171, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 171, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 171, 133);  
box-shadow:4px 4px 4px 4px rgb(233, 171,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4008, 48.1429, 28.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 171, 133) }
```

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

```
.background{ background-color: rgb(233,  
171, 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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