

Converting Colors

XYZ(52.9889, 48.1980, 43.4632)

Have a look what the booklet for
XYZ(52.9889, 48.1980, 43.4632)
contains.

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Color

**XYZ(52.9948, 48.1217,
43.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ABA8
RGB	226, 171, 168
RGB Percent	89%, 67%, 66%
CMY	0.1137, 0.3294, 0.3412
CMYK	0.00, 0.24, 0.26, 0.11
HSL	3°, 50%, 77%
HSV	3°, 26%, 89%
XYZ	52.9948, 48.1217, 43.5411
YIQ	187.1030, 33.7430, 10.7270

Conversions

Conversions Part 2

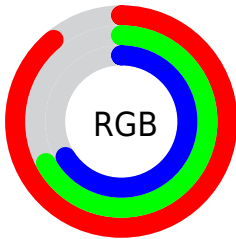
Format	Color
R _Y B	226, 171, 168
Decimal	14855080
CIE Lab	74.90, 19.71, 9.38
CIE LCh	75, 21.830, 25.445
Yxy	48.1217, 0.3663, 0.3327
Android (android.graphics.Color)	4293045160 (0xFFE2ABA8)
YUV	187.1030, -9.4178, 34.1127
Hunter-Lab	69.3698, 14.9672, 11.3445

Details

The XYZ color **52.9948, 48.1217, 43.5411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2628, 66.5892, 81.8394**, and the grayscale version is **47.3314, 49.7963, 54.2282**.

A 20% lighter version of the original color is **82.0284, 81.5259, 81.2247**, and **26.2084, 22.7639, 19.5355** is the 20% darker color. If you saturate the color by 10%, you get **47.3448, 39.9032, 32.1573**, and if you desaturate by 10%, it is **59.6696, 57.8034, 57.0728**.

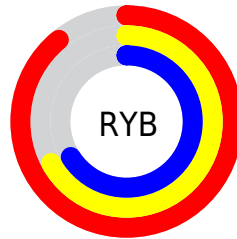
Distribution



Red (89%)

Green (67%)

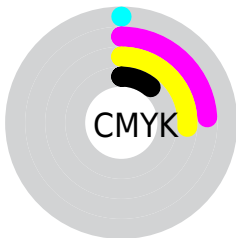
Blue (66%)



Red (89%)

Yellow (67%)

Blue (66%)

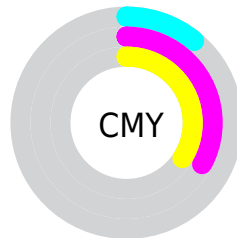


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9948, 48.1217, 43.5411 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 52.9948, 48.1217, 43.5411 by changing the saturation by 10% instead.


 52.9948, 48.1217,
43.5411


 52.9948, 48.1217,
43.5411


388.5264,
379.2743, 376.8187

 38.0261, 33.9233,
29.9754

 93.7623, 87.3856,
81.8219

 26.1802, 22.8347,
19.5680


 120.2918,
113.2198, 107.3740

 17.0919, 14.4715,
11.9005


151.4055,
143.7014, 137.7586

 10.3958, 8.4493,
6.5542

187.4690,
179.2149, 173.3943

 5.7264, 4.3838,
3.1107

228.8474,
220.1445, 214.6996

 2.7185, 1.8905,
1.1514

275.9062,

 1.0067, 0.5426,

266.8746, 262.0931

0.0000

329.0108,
319.7898, 315.9933

0.0000, 0.0000,
0.0000

52.9948, 48.1217,
43.5411

52.9948, 48.1217,
43.5411

47.3448, 39.9032,
32.1573

59.6696, 57.8034,
57.0728

42.6652, 33.0706,
22.8083

67.4122, 69.0076,
72.8517

38.9024, 27.5494,
15.3749

76.2681, 81.7984,
90.9746

35.9962, 23.2556,
9.7246

85.1741, 94.9088,
108.4378

33.8792, 20.0955,
5.7078

■ 32.4736, 17.9618,
3.1507

■ 31.6860, 16.7266,
1.8400

■ 31.4921, 16.4247,
1.5105

Harmonies

Analogous

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



53.7902, 48.1217, 54.1544



52.9948, 48.1217, 43.5411



50.2129, 48.1217, 36.3537

Triad

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



52.9948, 48.1217, 43.5411



39.7264, 48.1217, 40.9330



45.1338, 48.1217, 77.3927

Complementary

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



52.9948, 48.1217, 43.5411



56.2628, 66.5892, 81.8394

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.



41.5376, 48.1217, 72.5762



52.9948, 48.1217, 43.5411



38.5328, 48.1217, 50.6768

Square

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



52.9948, 48.1217, 43.5411



42.5316, 48.1217, 35.0079



39.1763, 48.1217, 62.3775



49.1021, 48.1217, 74.7582

Rectangle

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



52.9948, 48.1217, 43.5411



47.6865, 48.1217, 33.9330



39.1763, 48.1217, 62.3775



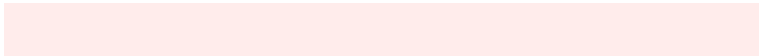
43.8438, 48.1217, 76.5739

Sweetspot

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



52.9961, 48.1239, 43.5421



86.0744, 87.0285, 90.5562



58.6998, 49.5077, 76.3451



18.0848, 18.1379, 18.6921



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.



52.9961, 48.1239, 43.5421



65.4018, 57.0532, 48.6137



59.0634, 60.2586, 45.5645



13.7639, 13.8138, 14.2477



17.9921, 9.4221, 0.8704



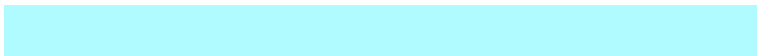
1.2675, 0.6939, 0.0671

Inverse Universe

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



56.2628, 66.5892, 81.8394



70.4108, 85.3795, 107.3766



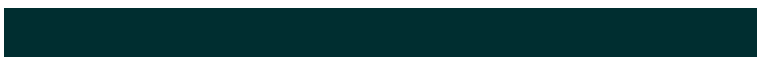
49.1905, 52.4445, 79.4819



14.0526, 15.4443, 17.6281



21.6202, 30.7100, 45.8365



1.5175, 2.1665, 3.1834

Previews

White Background



This preview shows how the XYZ color 52.9948, 48.1217, 43.5411 looks on a white background.

Color Contrast Check

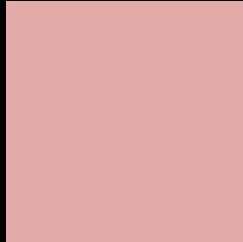
Large Text (above 18pt) WCAG AA × Fail

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 52.9948, 48.1217, 43.5411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

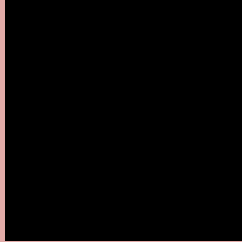
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9948, 48.1217, 43.5411

Background



This preview shows how black text looks on a background with the XYZ color 52.9948, 48.1217, 43.5411.



This preview shows how white text looks on a background with the XYZ color 52.9948, 48.1217,

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

52.9948, 48.1217, 43.5411

Protanopia

46.1136, 48.3233, 47.4543

Deuteranopia

49.1899, 48.1861, 43.2675



Tritanopia

54.6264, 48.2473, 50.6895

Trichromacy



Original Color

52.9948, 48.1217, 43.5411

Protanomaly

48.1951, 47.9153, 45.7381

Deuteranomaly

50.3294, 47.8970, 43.1516

Tritanomaly

53.9891, 48.2547, 48.0635

Monochromacy



Original Color

52.9948, 48.1217, 43.5411

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8495, 48.7605, 50.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9948, 48.1217, 43.5411 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, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(226, 171, 168)  
}
```

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, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 171, 168) }
```

Border

The CSS property to change the border of an element to XYZ 52.9948, 48.1217, 43.5411 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, 171, 168) }
```


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

```
.border{ border-color:rgb(226, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(226, 171,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9948, 48.1217, 43.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 171, 168) }
```

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

```
.background{ background-color: rgb(226,  
171, 168) }
```

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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