

Converting Colors

XYZ(52.2768, 50.0042, 37.0339)

Have a look what the booklet for
XYZ(52.2768, 50.0042, 37.0339)
contains.

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Color

**XYZ(52.1016, 49.8287,
37.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB299
RGB	223, 178, 153
RGB Percent	87%, 70%, 60%
CMY	0.1255, 0.3019, 0.4000
CMYK	0.00, 0.20, 0.31, 0.13
HSL	21°, 52%, 74%
HSV	21°, 31%, 87%
XYZ	52.1016, 49.8287, 37.0088
YIQ	188.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

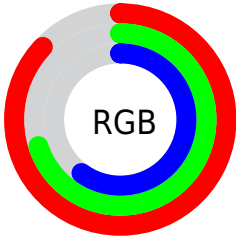
Format	Color
RYB	223, 192, 153
Decimal	14660249
CIELab	75.96, 12.81, 18.98
CIELCh	76, 22.899, 55.990
Yxy	49.8287, 0.3750, 0.3586
Android (android.graphics.Color)	4292850329 (0xFFDFB299)
YUV	188.6050, -17.5533, 30.1644
Hunter-Lab	70.5894, 8.2181, 18.3279

Details

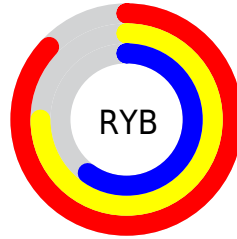
The XYZ color **52.1016, 49.8287, 37.0088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6496, 52.4864, 77.4844**, and the grayscale version is **48.2284, 50.7400, 55.2559**.

A 20% lighter version of the original color is **81.9253, 84.6106, 71.0450**, and **25.6682, 23.8420, 15.8195** is the 20% darker color. If you saturate the color by 10%, you get **47.7247, 43.7521, 27.2964**, and if you desaturate by 10%, it is **57.1234, 56.6437, 48.6354**.

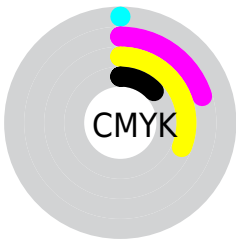
Distribution



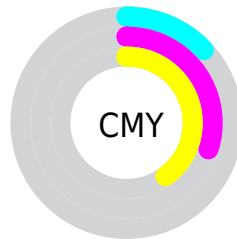
- Red (87%)
- Green (70%)
- Blue (60%)



- Red (87%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1016, 49.8287, 37.0088 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 52.1016, 49.8287, 37.0088 by changing the saturation by 10% instead.


 52.1016, 49.8287,
37.0088

 52.1016, 49.8287,
37.0088


385.1462,
385.9957, 348.5185

 37.3107, 35.2773,
24.9185

 92.4544, 89.9210,
71.7728

 25.6229, 23.8766,
15.7979

 118.7470,
116.2307, 95.2835

 16.6729, 15.2421,
9.2284


149.6041,
147.2287, 123.4382

 10.0954, 8.9895,
4.7916

185.3912,
183.2993, 156.6552

 5.5250, 4.7343,
2.0689

226.4737,
224.8268, 195.3532

 2.5964, 2.0922,
0.5972

273.2167,

 0.9441, 0.6603,

272.1958, 239.9507

0.0000

325.9858,
325.7907, 290.8663

0.0000, 0.0000,
0.0000

52.1016, 49.8287,
37.0088

52.1016, 49.8287,
37.0088

47.7247, 43.7521,
27.2964

57.1234, 56.6437,
48.6354

43.9606, 38.3811,
19.3909

62.8125, 64.2148,
62.2695

40.7797, 33.6903,
13.1791

69.1953, 72.5674,
78.0016

38.1485, 29.6503,
8.5333

76.2953, 81.7239,
95.9162

36.0291, 26.2288,
5.3077

82.5667, 91.0785,
107.8359

■ 34.3779, 23.3901,
3.3280

■ 84.2415, 94.4280,
108.3942

■ 33.2752, 21.3754,
2.3721

Harmonies

Analogous

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



55.1283, 49.8287, 44.5920



52.1016, 49.8287, 37.0088



47.9369, 49.8287, 34.0217

Triad

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



52.1016, 49.8287, 37.0088



39.6356, 49.8287, 52.6278



51.0494, 49.8287, 78.2463

Complementary

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



52.1016, 49.8287, 37.0088



46.6496, 52.4864, 77.4844

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.



46.7891, 49.8287, 81.2449



52.1016, 49.8287, 37.0088



40.3593, 49.8287, 65.2219

Square

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



52.1016, 49.8287, 37.0088



40.8774, 49.8287, 42.1403



42.9165, 49.8287, 76.1668



54.4956, 49.8287, 68.4939

Rectangle

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



52.1016, 49.8287, 37.0088



45.1354, 49.8287, 34.6497



42.9165, 49.8287, 76.1668



49.6579, 49.8287, 80.1349

Sweetspot

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



52.1029, 49.8310, 37.0098



87.0457, 89.5553, 89.0793



52.0738, 42.5713, 59.2018



18.3702, 18.8249, 18.4287



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.



52.1029, 49.8310, 37.0098



66.4269, 61.7456, 40.8099



59.8501, 65.3255, 39.5922



14.1059, 14.4978, 14.3617



19.6625, 12.7628, 1.4271



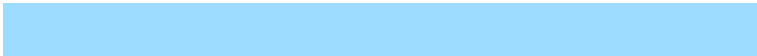
1.4455, 1.0499, 0.1265

Inverse Universe

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



46.6496, 52.4864, 77.4844



57.8649, 65.8886, 104.2757



39.6428, 38.4729, 75.1488



13.6832, 14.7055, 17.5050



13.7477, 14.9649, 43.2123



1.0366, 1.2046, 3.0231

Previews

White Background



This preview shows how the XYZ color 52.1016, 49.8287, 37.0088 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 52.1016, 49.8287, 37.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

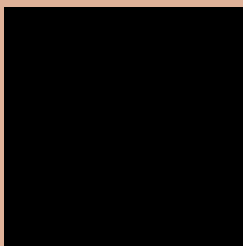
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1016, 49.8287, 37.0088

Background



This preview shows how black text looks on a background with the XYZ color 52.1016, 49.8287, 37.0088.



This preview shows how white text looks on a background with the XYZ color 52.1016, 49.8287,

37.0088.

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

52.1016, 49.8287, 37.0088

Protanopia

47.1448, 49.9807, 39.0607

Deuteranopia

50.9845, 49.8479, 37.0714



Tritanopia

55.5918, 49.8059, 53.6972

Trichromacy



Original Color

52.1016, 49.8287, 37.0088

Protanomaly

48.8734, 49.9467, 38.5173

Deuteranomaly

51.3851, 49.7558, 37.0325

Tritanomaly

54.4319, 49.9238, 47.3248

Monochromacy



Original Color

52.1016, 49.8287, 37.0088

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2728, 50.2500, 48.1766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1016, 49.8287, 37.0088 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(223, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(223, 178, 153)  
}
```

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(223, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 178, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.1016, 49.8287, 37.0088 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(223, 178, 153) }
```


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

```
.border{ border-color:rgb(223, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(223, 178,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1016, 49.8287, 37.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 178, 153) }
```

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

```
.background{ background-color: rgb(223,  
178, 153) }
```

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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