

Converting Colors

XYZ(50.8516, 47.5466, 37.6376)

Have a look what the booklet for
XYZ(50.8516, 47.5466, 37.6376)
contains.

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Color

**XYZ(50.7931, 47.4012,
37.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAC9B
RGB	222, 172, 155
RGB Percent	87%, 67%, 61%
CMY	0.1294, 0.3255, 0.3922
CMYK	0.00, 0.23, 0.30, 0.13
HSL	15°, 50%, 74%
HSV	15°, 30%, 87%
XYZ	50.7931, 47.4012, 37.4826
YIQ	185.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

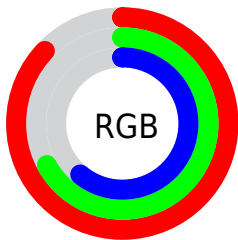
Format	Color
R _Y B	222, 178, 155
Decimal	14593179
CIE Lab	74.45, 15.90, 15.77
CIE LCh	74, 22.394, 44.771
Yxy	47.4012, 0.3744, 0.3494
Android (android.graphics.Color)	4292783259 (0xFFDEAC9B)
YUV	185.0120, -14.7959, 32.4385
Hunter-Lab	68.8485, 11.2037, 15.9152

Details

The XYZ color **50.7931, 47.4012, 37.4826** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5330, 55.9033, 77.3398**, and the grayscale version is **46.1878, 48.5931, 52.9179**.

A 20% lighter version of the original color is **80.2177, 80.8016, 71.6899**, and **24.9410, 22.5394, 16.1327** is the 20% darker color. If you saturate the color by 10%, you get **46.1389, 40.8070, 27.5632**, and if you desaturate by 10%, it is **56.1857, 54.9230, 49.3402**.

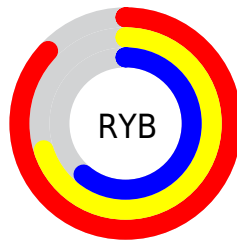
Distribution



Red (87%)

Green (67%)

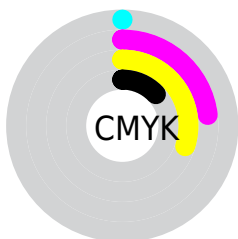
Blue (61%)



Red (87%)

Yellow (70%)

Blue (61%)

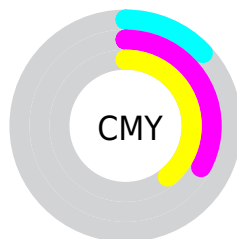


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (13%)



Cyan (13%)

Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7931, 47.4012, 37.4826 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 50.7931, 47.4012, 37.4826 by changing the saturation by 10% instead.


 50.7931, 47.4012,
37.4826


 50.7931, 47.4012,
37.4826


380.1603,
376.4137, 350.6266

 36.2643, 33.3529,
25.2827


 90.5337, 86.3122,
72.5090

 24.8095, 22.3970,
16.0668


 116.4762,
111.9437, 96.1725

 16.0631, 14.1489,
9.4166


146.9541,
142.2050, 124.4944

 9.6600, 8.2243,
4.9134

182.3326,
177.4807, 157.8930

 5.2346, 4.2388,
2.1387

222.9771,
218.1550, 196.7870

 2.4217, 1.8080,
0.6387

269.2530,

 0.8560, 0.4922,

264.6123, 241.5949

0.0000

321.5256,
317.2371, 292.7353

■ 0.0000, 0.0000,
0.0000

■ 50.7931, 47.4012,
37.4826

■ 50.7931, 47.4012,
37.4826

■ 46.1389, 40.8070,
27.5632

■ 56.1857, 54.9230,
49.3402

■ 42.1860, 35.0974,
19.4751

■ 62.3438, 63.4000,
63.2290

■ 38.8999, 30.2359,
13.1058

■ 69.2980, 72.8669,
79.2398

■ 36.2411, 26.1805,
8.3287

■ 77.0759, 83.3546,
97.4566

■ 34.1660, 22.8858,
4.9996

■ 83.8813, 94.1637,
108.3621

■ 32.6243, 20.3010,
2.9480

■ 83.9342, 94.2696,
108.3798

■ 31.5551, 18.3914,
1.8868

Harmonies

Analogous

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



52.9855, 47.4012, 46.1480



50.7931, 47.4012, 37.4826



47.1238, 47.4012, 32.9929

Triad

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



50.7931, 47.4012, 37.4826



37.9697, 47.4012, 45.9886



47.0620, 47.4012, 76.2361

Complementary

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



50.7931, 47.4012, 37.4826



48.5330, 55.9033, 77.3398

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.



43.0446, 47.4012, 76.1763



50.7931, 47.4012, 37.4826



37.9553, 47.4012, 57.4908

Square

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



50.7931, 47.4012, 37.4826



39.8037, 47.4012, 37.3810



39.7633, 47.4012, 68.9086



50.7455, 47.4012, 69.0614

Rectangle

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



50.7931, 47.4012, 37.4826



44.4108, 47.4012, 32.4734



39.7633, 47.4012, 68.9086



45.7022, 47.4012, 77.0924

Sweetspot

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



50.7943, 47.4034, 37.4836



86.3507, 88.1652, 88.8476



52.8955, 43.3926, 63.5040



18.1998, 18.4841, 18.3719



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.



50.7943, 47.4034, 37.4836



65.5330, 59.2399, 42.7248



57.9320, 61.6788, 39.8628



13.9885, 14.2630, 14.3225



18.8185, 11.0749, 1.1458



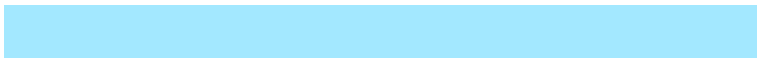
1.3754, 0.9096, 0.1031

Inverse Universe

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



48.5330, 55.9033, 77.3398



61.9678, 72.5728, 105.3496



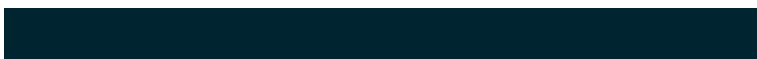
41.4078, 41.6530, 74.9647



13.8067, 14.9525, 17.5461



15.9874, 19.4443, 43.9589



1.1784, 1.4882, 3.0704

Previews

White Background



This preview shows how the XYZ color 50.7931, 47.4012, 37.4826 looks on a white background.

Color Contrast Check

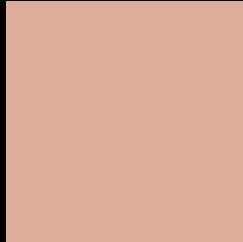
Large Text (above 18pt) WCAG AA × Fail

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 50.7931, 47.4012, 37.4826 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 50.7931, 47.4012, 37.4826

Background



This preview shows how black text looks on a background with the XYZ color 50.7931, 47.4012, 37.4826.



This preview shows how white text looks on a background with the XYZ color 50.7931, 47.4012,

37.4826.

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

50.7931, 47.4012, 37.4826

Protanopia

45.0169, 47.6115, 40.0750

Deuteranopia

48.2220, 47.2326, 37.1471



Tritanopia

53.3945, 47.3490, 50.0411

Trichromacy



Original Color

50.7931, 47.4012, 37.4826

Protanomaly

46.9203, 47.4053, 39.0249

Deuteranomaly

49.1870, 47.4401, 37.1363

Tritanomaly

52.3748, 47.2018, 45.3801

Monochromacy



Original Color

50.7931, 47.4012, 37.4826

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.2499, 47.7043, 46.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7931, 47.4012, 37.4826 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(222, 172, 155)` looks like.

```
.text, #text, p{  
    color:rgb(222, 172, 155)  
}
```

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(222, 172, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 172, 155) }
```

Border

The CSS property to change the border of an element to XYZ 50.7931, 47.4012, 37.4826 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(222, 172, 155) }
```


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

```
.border{ border-color:rgb(222, 172, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 172, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 172, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 172, 155);  
box-shadow:4px 4px 4px 4px rgb(222, 172,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7931, 47.4012, 37.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 172, 155) }
```

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

```
.background{ background-color: rgb(222,  
172, 155) }
```

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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