

Converting Colors

XYZ(47.1281, 46.1108, 37.6803)

Have a look what the booklet for
XYZ(47.1281, 46.1108, 37.6803)
contains.

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Color

**XYZ(47.1492, 46.0823,
37.8622)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AE9C
RGB	208, 174, 156
RGB Percent	82%, 68%, 61%
CMY	0.1843, 0.3176, 0.3882
CMYK	0.00, 0.16, 0.25, 0.18
HSL	21°, 36%, 71%
HSV	21°, 25%, 82%
XYZ	47.1492, 46.0823, 37.8622
YIQ	182.1140, 26.0420, 1.6100

Conversions

Conversions Part 2

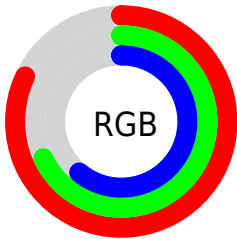
Format	Color
R_{YB}	208, 184, 156
Decimal	13676188
CIE _{Lab}	73.60, 9.60, 13.84
CIE _{LCh}	74, 16.845, 55.243
Yxy	46.0823, 0.3597, 0.3515
Android (android.graphics.Color)	4291866268 (0xFFD0AE9C)
YUV	182.1140, -12.8742, 22.7020
Hunter-Lab	67.8839, 5.1813, 14.4498

Details

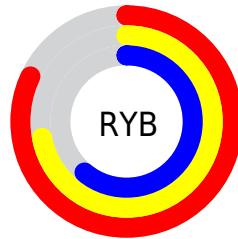
The XYZ color **47.1492, 46.0823, 37.8622** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5084, 48.4474, 66.7328**, and the grayscale version is **44.5845, 46.9064, 51.0810**.

A 20% lighter version of the original color is **81.0172, 82.0018, 73.1859**, and **22.6462, 21.7113, 16.3617** is the 20% darker color. If you saturate the color by 10%, you get **43.0413, 40.4478, 28.5347**, and if you desaturate by 10%, it is **51.8272, 52.3736, 48.8688**.

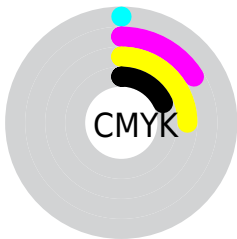
Distribution



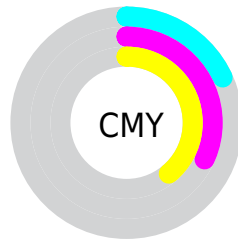
- Red (82%)
- Green (68%)
- Blue (61%)



- Red (82%)
- Yellow (72%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1492, 46.0823, 37.8622 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 47.1492, 46.0823, 37.8622 by changing the saturation by 10% instead.


 47.1492, 46.0823,
37.8622


 47.1492, 46.0823,
37.8622


366.0487,
371.1394, 352.3089

 33.3621, 32.3108,
25.5748


 85.1537, 84.3422,
73.0980

 22.5645, 21.5990,
16.2829


 110.1017,
109.5993, 96.8833

 14.3912, 13.5625,
9.5680


139.5008,
139.4537, 125.3385

 8.4768, 7.8170,
5.0117

173.7162,
174.2898, 158.8819

 4.4559, 3.9781,
2.1952

213.1134,
214.4921, 197.9321

 1.9631, 1.6613,
0.6716

258.0576,

 0.6131, 0.3984,

260.4448, 242.9076

0.0000

308.9143,
312.5325, 294.2270

■ 0.0000, 0.0000,
0.0000

■ 47.1492, 46.0823,
37.8622

■ 47.1492, 46.0823,
37.8622

■ 43.0413, 40.4478,
28.5347

■ 51.8272, 52.3736,
48.8688

■ 39.4766, 35.4420,
20.7999

■ 57.0933, 59.3362,
61.6292

■ 36.4314, 31.0437,
14.5680

■ 62.9696, 66.9921,
76.2173

■ 33.8784, 27.2282,
9.7388

■ 69.4754, 75.3601,
92.7017

■ 31.7878, 23.9688,
6.2000

■ 75.8137, 84.1323,
106.8511

■ 30.1257, 21.2364,
3.8215

■ 79.8225, 92.1499,
108.1874

■ 28.8523, 18.9984,
2.4451

■ 28.3310, 18.0469,
1.9902

Harmonies

Analogous

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



49.1911, 46.0823, 43.4962



47.1492, 46.0823, 37.8622



44.2768, 46.0823, 35.5312

Triad

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



47.1492, 46.0823, 37.8622



38.3329, 46.0823, 48.8269



46.2898, 46.0823, 66.5351

Complementary

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



47.1492, 46.0823, 37.8622



43.5084, 48.4474, 66.7328

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.



43.3263, 46.0823, 68.3756



47.1492, 46.0823, 37.8622



38.8176, 46.0823, 57.5065

Square

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



47.1492, 46.0823, 37.8622



39.2578, 46.0823, 41.3878



40.6130, 46.0823, 64.9057



48.6794, 46.0823, 60.1273

Rectangle

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



47.1492, 46.0823, 37.8622



42.3102, 46.0823, 35.9467



40.6130, 46.0823, 64.9057



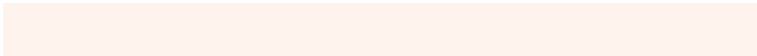
45.3241, 46.0823, 67.7372

Sweetspot

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



47.1504, 46.0844, 37.8632



88.6975, 91.6823, 93.2573



47.2686, 40.9343, 54.5082



18.8725, 19.4758, 19.6868



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.



47.1504, 46.0844, 37.8632



71.1544, 68.1509, 51.7874



52.5137, 56.8109, 39.6509



12.1387, 12.4680, 12.3788



17.7392, 11.4114, 1.2677



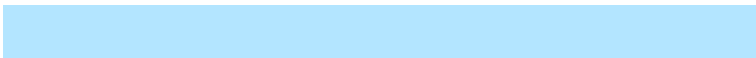
1.0652, 0.7848, 0.0953

Inverse Universe

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



43.5084, 48.4474, 66.7328



64.4098, 72.5137, 105.2095



38.4910, 38.4127, 65.0604



11.7995, 12.6892, 15.0710



12.6749, 13.9963, 39.2260



0.7812, 0.9277, 2.2175

Previews

White Background



This preview shows how the XYZ color 47.1492, 46.0823, 37.8622 looks on a white background.

Color Contrast Check

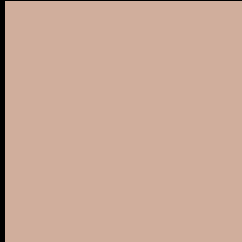
Large Text (above 18pt) WCAG AA × Fail

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 47.1492, 46.0823, 37.8622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

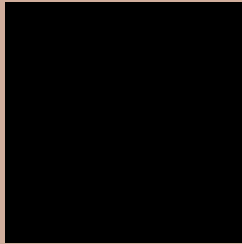
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1492, 46.0823, 37.8622

Background



This preview shows how black text looks on a background with the XYZ color 47.1492, 46.0823, 37.8622.



This preview shows how white text looks on a background with the XYZ color 47.1492, 46.0823,

37.8622.

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

47.1492, 46.0823, 37.8622

Protanopia

43.5655, 45.9645, 39.3768

Deuteranopia

46.8689, 45.9378, 37.8491



Tritanopia

49.7859, 46.0172, 51.0580

Trichromacy



Original Color

47.1492, 46.0823, 37.8622

Protanomaly

44.8569, 46.0452, 38.8711

Deuteranomaly

46.8689, 45.9378, 37.8491

Tritanomaly

48.6841, 45.8446, 45.8181

Monochromacy



Original Color

47.1492, 46.0823, 37.8622

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.1488, 46.3337, 46.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1492, 46.0823, 37.8622 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(208, 174, 156) looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 156)  
}
```

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(208, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 156) }
```

Border

The CSS property to change the border of an element to XYZ 47.1492, 46.0823, 37.8622 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(208, 174, 156) }
```


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

```
.border{ border-color:rgb(208, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1492, 46.0823, 37.8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 156) }
```

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

```
.background{ background-color: rgb(208,  
174, 156) }
```

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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