

Converting Colors

XYZ(47.3003, 46.2081, 35.7042)

Have a look what the booklet for
XYZ(47.3003, 46.2081, 35.7042)
contains.

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Color

**XYZ(47.3003, 46.2081,
35.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AE97
RGB	210, 174, 151
RGB Percent	82%, 68%, 59%
CMY	0.1765, 0.3176, 0.4078
CMYK	0.00, 0.17, 0.28, 0.18
HSL	23°, 40%, 71%
HSV	23°, 28%, 82%
XYZ	47.3003, 46.2081, 35.7042
YIQ	182.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

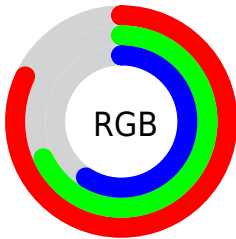
Format	Color
RYB	210, 189, 151
Decimal	13807255
CIELab	73.68, 9.67, 16.70
CIElCh	74, 19.304, 59.922
Yxy	46.2081, 0.3661, 0.3576
Android (android.graphics.Color)	4291997335 (0xFFD2AE97)
YUV	182.1420, -15.3530, 24.4315
Hunter-Lab	67.9765, 5.2472, 16.4419

Details

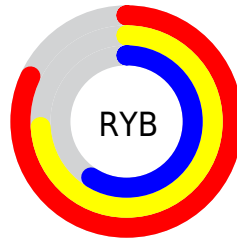
The XYZ color **47.3003, 46.2081, 35.7042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1652, 46.7717, 67.7784**, and the grayscale version is **44.6118, 46.9351, 51.1123**.

A 20% lighter version of the original color is **80.2788, 81.7064, 69.2974**, and **22.7774, 21.8077, 15.0654** is the 20% darker color. If you saturate the color by 10%, you get **43.3864, 40.8708, 26.7217**, and if you desaturate by 10%, it is **51.7565, 52.1435, 46.3673**.

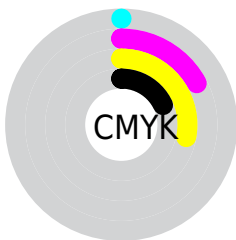
Distribution



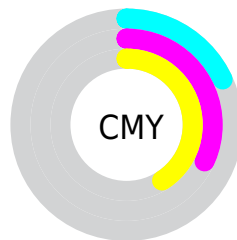
- Red (82%)
- Green (68%)
- Blue (59%)



- Red (82%)
- Yellow (74%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3003, 46.2081, 35.7042 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 47.3003, 46.2081, 35.7042 by changing the saturation by 10% instead.


 47.3003, 46.2081,
35.7042


 47.3003, 46.2081,
35.7042


366.6409,
371.6446, 342.6640

 33.4821, 32.4101,
23.9179


 85.3777, 84.5304,
69.7392

 22.6570, 21.6749,
15.0611

 110.3676,
109.8234, 92.8249

 14.4597, 13.6182,
8.7152


139.8121,
139.7168, 120.5143

 8.5249, 7.8556,
4.4616

174.0765,
174.5951, 153.2258

 4.4873, 4.0027,
1.8819

213.5263,
214.8427, 191.3780

 1.9813, 1.6751,
0.4811

258.5267,

 0.6234, 0.4074,

260.8438, 235.3894

0.0000

309.4431,
312.9830, 285.6786

■ 0.0000, 0.0000,
0.0000

■ 47.3003, 46.2081,
35.7042

■ 47.3003, 46.2081,
35.7042

■ 43.3864, 40.8708,
26.7217

■ 51.7565, 52.1435,
46.3673

■ 39.9886, 36.1054,
19.3298

■ 56.7727, 58.6891,
58.7888

■ 37.0835, 31.8935,
13.4343

■ 62.3702, 65.8647,
73.0452

■ 34.6444, 28.2127,
8.9300

■ 68.5678, 73.6875,
89.2076

■ 32.6416, 25.0390,
5.6975

■ 75.2220, 82.1089,
106.4917

■ 31.0409, 22.3459,
3.5969

■ 79.0873, 89.8395,
107.7802

■ 29.7956, 20.1010,
2.4244

■ 80.3884, 92.4417,
108.2138

■ 29.5867, 19.7182,
2.2466

Harmonies

Analogous

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



49.8726, 46.2081, 41.4860



47.3003, 46.2081, 35.7042



43.9283, 46.2081, 33.7232

Triad

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



47.3003, 46.2081, 35.7042



37.6627, 46.2081, 50.2872



47.2841, 46.2081, 68.4762

Complementary

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



47.3003, 46.2081, 35.7042



42.1652, 46.7717, 67.7784

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.



43.9105, 46.2081, 71.6076



47.3003, 46.2081, 35.7042



38.4599, 46.2081, 60.3103

Square

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



47.3003, 46.2081, 35.7042



38.4680, 46.2081, 41.4471



40.7036, 46.2081, 68.4448



49.8629, 46.2081, 60.3603

Rectangle

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



47.3003, 46.2081, 35.7042



41.7153, 46.2081, 34.5943



40.7036, 46.2081, 68.4448



46.1999, 46.2081, 70.1902

Sweetspot

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



47.3015, 46.2102, 35.7052



88.0949, 91.0696, 91.2297



46.6561, 39.4397, 52.3831



18.5902, 19.1486, 18.8606



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.



47.3015, 46.2102, 35.7052



69.4810, 66.3885, 46.3447



53.5480, 58.7033, 37.7873



12.1814, 12.5534, 12.3931



18.1385, 12.2101, 1.4008



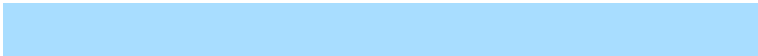
1.0904, 0.8352, 0.1037

Inverse Universe

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



42.1652, 46.7717, 67.7784



60.1705, 67.3939, 104.4447



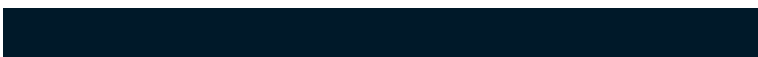
36.6028, 35.6470, 65.9243



11.7553, 12.6009, 15.0563



11.9143, 12.4751, 38.9725



0.7421, 0.8494, 2.2044

Previews

White Background



This preview shows how the XYZ color 47.3003, 46.2081, 35.7042 looks on a white background.

Color Contrast Check

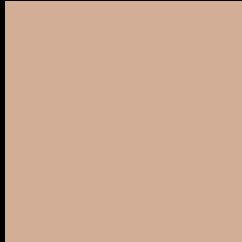
Large Text (above 18pt) WCAG AA × Fail

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 47.3003, 46.2081, 35.7042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

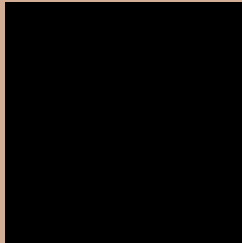
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3003, 46.2081, 35.7042

Background



This preview shows how black text looks on a background with the XYZ color 47.3003, 46.2081, 35.7042.



This preview shows how white text looks on a background with the XYZ color 47.3003, 46.2081,

35.7042.

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

47.3003, 46.2081, 35.7042

Protanopia

43.8425, 46.4572, 37.2282

Deuteranopia

47.0165, 46.0618, 35.6909



Tritanopia

50.4668, 46.0910, 51.0363

Trichromacy



Original Color

47.3003, 46.2081, 35.7042

Protanomaly

44.9589, 46.1465, 36.6746

Deuteranomaly

47.0165, 46.0618, 35.6909

Tritanomaly

49.3542, 46.2122, 44.8467

Monochromacy



Original Color

47.3003, 46.2081, 35.7042

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.2090, 46.3869, 45.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3003, 46.2081, 35.7042 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(210, 174, 151)` looks like.

```
.text, #text, p{  
    color:rgb(210, 174, 151)  
}
```

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(210, 174, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 174, 151) }
```

Border

The CSS property to change the border of an element to XYZ 47.3003, 46.2081, 35.7042 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(210, 174, 151) }
```


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

```
.border{ border-color:rgb(210, 174, 151) }
```

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

Here you see how a box with a 4 pixel rgb(210, 174, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 174, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 174, 151);  
box-shadow:4px 4px 4px 4px rgb(210, 174,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3003, 46.2081, 35.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 174, 151) }
```

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

```
.background{ background-color: rgb(210,  
174, 151) }
```

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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