

Converting Colors

XYZ(46.2644, 43.7388, 37.8253)

Have a look what the booklet for
XYZ(46.2644, 43.7388, 37.8253)
contains.

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Color

**XYZ(46.1990, 43.6271,
37.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A79D
RGB	209, 167, 157
RGB Percent	82%, 65%, 62%
CMY	0.1804, 0.3451, 0.3843
CMYK	0.00, 0.20, 0.25, 0.18
HSL	12°, 36%, 72%
HSV	12°, 25%, 82%
XYZ	46.1990, 43.6271, 37.8842
YIQ	178.4180, 28.2420, 5.7940

Conversions

Conversions Part 2

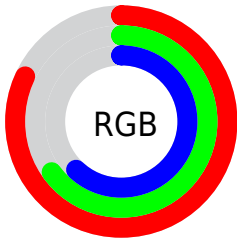
Format	Color
R _Y B	209, 169, 157
Decimal	13739933
CIE Lab	71.98, 13.91, 11.02
CIE LCh	72, 17.746, 38.383
Yxy	43.6271, 0.3617, 0.3416
Android (android.graphics.Color)	4291930013 (0xFFD1A79D)
YUV	178.4180, -10.5591, 26.8204
Hunter-Lab	66.0508, 9.2622, 12.2291

Details

The XYZ color **46.1990, 43.6271, 37.8842** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8361, 52.6167, 68.0620**, and the grayscale version is **42.5831, 44.8007, 48.7880**.

A 20% lighter version of the original color is **79.2449, 78.2560, 73.2156**, and **22.0587, 20.1721, 16.3667** is the 20% darker color. If you saturate the color by 10%, you get **41.6722, 37.1888, 28.3121**, and if you desaturate by 10%, it is **51.4370, 50.9987, 49.2002**.

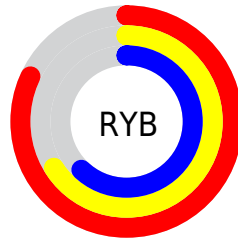
Distribution



Red (82%)

Green (65%)

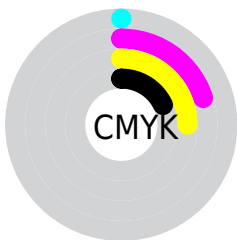
Blue (62%)



Red (82%)

Yellow (66%)

Blue (62%)

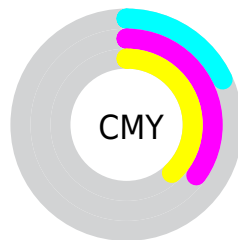


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1990, 43.6271, 37.8842 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 46.1990, 43.6271, 37.8842 by changing the saturation by 10% instead.


 46.1990, 43.6271,
37.8842

 46.1990, 43.6271,
37.8842


362.3107,
361.1844, 352.4062

 32.6082, 30.3775,
25.5917


 83.7428, 80.6563,
73.1321

 21.9842, 20.1253,
16.2954

 108.4264,
105.2047, 96.9245

 13.9619, 12.4861,
9.5768


137.5384,
134.2881, 125.3873

 8.1757, 7.0757,
5.0174

171.4441,
168.2909, 158.9391

 4.2603, 3.5095,
2.1985

210.5088,
207.5976, 197.9983

 1.8504, 1.4031,
0.6735

255.0979,

 0.5478, 0.2190,

252.5924, 242.9836

0.0000

305.5767,
303.6599, 294.3134

0.0000, 0.0000,
0.0000

46.1990, 43.6271,
37.8842

46.1990, 43.6271,
37.8842

41.6722, 37.1888,
28.3121

51.4370, 50.9987,
49.2002

37.8221, 31.6406,
20.3942

57.4118, 59.3327,
62.3384

34.6164, 26.9448,
14.0370

64.1521, 68.6644,
77.3753

32.0188, 23.0584,
9.1364

71.6838, 79.0255,
94.3825

29.9893, 19.9348,
5.5755

78.9670, 90.0203,
107.8214

■ 28.4824, 17.5225,
3.2192

■ 80.1046, 92.2953,
108.2006

■ 27.4454, 15.7631,
1.9037

■ 27.0604, 15.0871,
1.4859

Harmonies

Analogous

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



47.4963, 43.6271, 45.1130



46.1990, 43.6271, 37.8842



43.6481, 43.6271, 33.6275

Triad

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



46.1990, 43.6271, 37.8842



36.2863, 43.6271, 41.6214



42.3208, 43.6271, 65.9793

Complementary

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



46.1990, 43.6271, 37.8842



45.8361, 52.6167, 68.0620

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.



39.3584, 43.6271, 64.7491



46.1990, 43.6271, 37.8842



35.9695, 43.6271, 49.9749

Square

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



46.1990, 43.6271, 37.8842



37.9556, 43.6271, 35.5954



37.0683, 43.6271, 58.6248



45.1869, 43.6271, 61.8066

Rectangle

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



46.1990, 43.6271, 37.8842



41.6307, 43.6271, 32.7099



37.0683, 43.6271, 58.6248



41.3022, 43.6271, 66.1930

Sweetspot

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



46.2002, 43.6291, 37.8851



87.8803, 90.0479, 92.9849



48.7149, 41.8150, 59.8211



18.6837, 19.0981, 19.6238



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.



46.2002, 43.6291, 37.8851



68.4444, 62.7308, 50.8840



51.3475, 53.9239, 39.6009



11.9902, 12.1711, 12.3293



16.7392, 9.4114, 0.9343



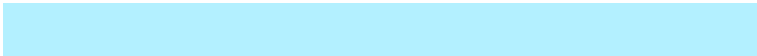
0.9917, 0.6377, 0.0708

Inverse Universe

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



45.8361, 52.6167, 68.0620



67.7682, 79.2306, 106.3290



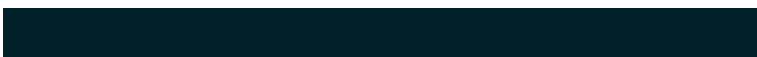
40.4469, 41.8385, 66.2656



11.9570, 13.0043, 15.1235



15.8889, 20.4243, 40.2973



0.9392, 1.2437, 2.2701

Previews

White Background



This preview shows how the XYZ color 46.1990, 43.6271, 37.8842 looks on a white background.

Color Contrast Check

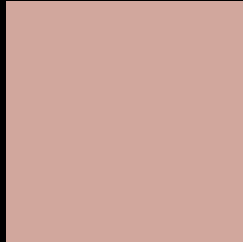
Large Text (above 18pt) WCAG AA × Fail

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 46.1990, 43.6271, 37.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

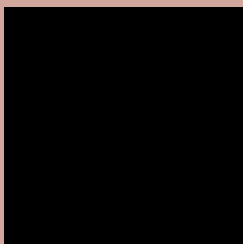
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1990, 43.6271, 37.8842

Background



This preview shows how black text looks on a background with the XYZ color 46.1990, 43.6271, 37.8842.



This preview shows how white text looks on a background with the XYZ color 46.1990, 43.6271,

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

46.1990, 43.6271, 37.8842

Protanopia

41.5754, 43.7266, 40.4312

Deuteranopia

44.4629, 43.5673, 37.5184



Tritanopia

48.0752, 43.5741, 47.4718

Trichromacy



Original Color

46.1990, 43.6271, 37.8842

Protanomaly

43.0270, 43.6317, 39.4117

Deuteranomaly

45.0906, 43.6136, 37.4942

Tritanomaly

47.2892, 43.5142, 43.9369

Monochromacy



Original Color

46.1990, 43.6271, 37.8842

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.3780, 43.9932, 44.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1990, 43.6271, 37.8842 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(209, 167, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 167, 157)  
}
```

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(209, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 167, 157) }
```

Border

The CSS property to change the border of an element to XYZ 46.1990, 43.6271, 37.8842 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(209, 167, 157) }
```


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

```
.border{ border-color:rgb(209, 167, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 167, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 167, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 167, 157); box-shadow:4px 4px 4px 4px rgb(209, 167, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1990, 43.6271, 37.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 167, 157) }
```

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

```
.background{ background-color: rgb(209,  
167, 157) }
```

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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