

Converting Colors

XYZ(47.1848, 48.4657, 42.8297)

Have a look what the booklet for
XYZ(47.1848, 48.4657, 42.8297)
contains.

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Color

**XYZ(47.1641, 48.3512,
42.9233)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B6A6
RGB	199, 182, 166
RGB Percent	78%, 71%, 65%
CMY	0.2196, 0.2863, 0.3490
CMYK	0.00, 0.09, 0.17, 0.22
HSL	29°, 23%, 72%
HSV	29°, 17%, 78%
XYZ	47.1641, 48.3512, 42.9233
YIQ	185.2590, 15.2680, -1.3720

Conversions

Conversions Part 2

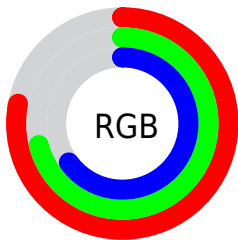
Format	Color
RYB	199, 197, 166
Decimal	13088422
CIELab	75.05, 3.41, 10.33
CIElCh	75, 10.876, 71.738
Yxy	48.3512, 0.3407, 0.3493
Android (android.graphics.Color)	4291278502 (0xFFC7B6A6)
YUV	185.2590, -9.4947, 12.0509
Hunter-Lab	69.5350, -0.6136, 12.0754

Details

The XYZ color **47.1641, 48.3512, 42.9233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9680, 46.0965, 60.6661**, and the grayscale version is **46.3046, 48.7161, 53.0518**.

A 20% lighter version of the original color is **84.8657, 87.6295, 80.8479**, and **22.5646, 22.9352, 19.1572** is the 20% darker color. If you saturate the color by 10%, you get **43.4556, 43.6328, 33.3671**, and if you desaturate by 10%, it is **51.3113, 53.4942, 54.0205**.

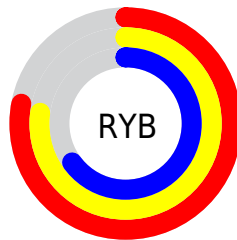
Distribution



Red (78%)

Green (71%)

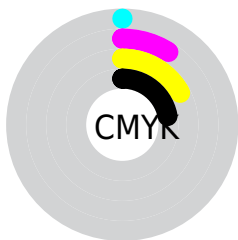
Blue (65%)



Red (78%)

Yellow (77%)

Blue (65%)

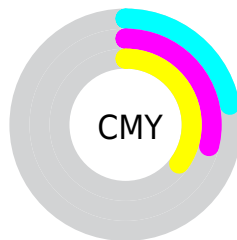


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1641, 48.3512, 42.9233 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 47.1641, 48.3512, 42.9233 by changing the saturation by 10% instead.


 47.1641, 48.3512,
42.9233


 47.1641, 48.3512,
42.9233


366.1071,
380.1825, 374.2082

 33.3739, 34.1051,
29.4940


 85.1758, 87.7271,
80.8802

 22.5736, 22.9743,
19.2060


 110.1279,
113.6256, 106.2449

 14.3980, 14.5746,
11.6409


139.5315,
144.1771, 136.4251

 8.4815, 8.5214,
6.3801

173.7518,
179.7660, 171.8394

 4.4590, 4.4303,
3.0051

213.1541,
220.7765, 212.9063

 1.9649, 1.9171,
1.0972

258.1039,

 0.6141, 0.5586,

267.5932, 260.0444

0.0000

308.9664,
320.6004, 313.6722

■ 0.0000, 0.0000,
0.0000

■ 47.1641, 48.3512,
42.9233

■ 47.1641, 48.3512,
42.9233

■ 43.4556, 43.6328,
33.3671

■ 51.3113, 53.4942,
54.0205

■ 40.1658, 39.3209,
25.2795

■ 55.9087, 59.0665,
66.7205

■ 37.2786, 35.4052,
18.5870

■ 60.9720, 65.0810,
81.0854

■ 34.7754, 31.8727,
13.2083

■ 66.5150, 71.5480,
97.1730

■ 32.6355, 28.7094,
9.0534

■ 70.8134, 77.7823,
105.8890

■ 30.8364, 25.9001,
6.0213

■ 73.8039, 83.7633,
106.8858

■ 29.3518, 23.4281,
3.9939

■ 76.9658, 90.0870,
107.9397

■ 28.1489, 21.2736,
2.8179

■ 77.3634, 90.8822,
108.0723

■ 27.7828, 20.6010,
2.5121

Harmonies

Analogous

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



48.8669, 48.3512, 45.6921



47.1641, 48.3512, 42.9233



45.1834, 48.3512, 42.6426

Triad

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



47.1641, 48.3512, 42.9233



42.3160, 48.3512, 54.9040



48.5473, 48.3512, 61.2411

Complementary

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



47.1641, 48.3512, 42.9233



42.9680, 46.0965, 60.6661

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.



46.7381, 48.3512, 64.1034



47.1641, 48.3512, 42.9233



43.1638, 48.3512, 60.2724

Square

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



47.1641, 48.3512, 42.9233



42.4226, 48.3512, 49.2911



44.7694, 48.3512, 63.7366



49.6812, 48.3512, 56.1502

Rectangle

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



47.1641, 48.3512, 42.9233



43.9756, 48.3512, 43.8774



44.7694, 48.3512, 63.7366



47.9958, 48.3512, 62.5118

Sweetspot

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



47.1654, 48.3534, 42.9243



91.0054, 95.0874, 97.7586



45.7424, 42.8362, 50.6849



19.3608, 20.2082, 20.6018



0.0000, 0.0000, 0.0000



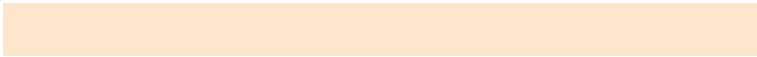
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1654, 48.3534, 42.9243



80.0846, 81.5107, 68.6390



50.7337, 55.4900, 44.1138



11.0513, 11.4717, 11.1946



17.9518, 13.4207, 1.6443



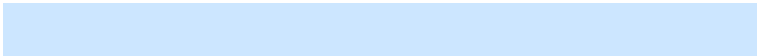
0.9225, 0.7804, 0.1020

Inverse Universe

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



42.9680, 46.0965, 60.6661



71.3230, 76.7996, 105.6724



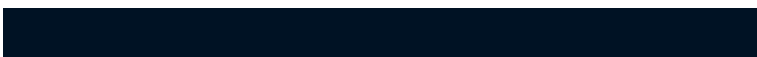
39.7717, 39.7040, 59.6007



10.5009, 11.1758, 13.5212



9.8033, 9.0005, 35.9649



0.5365, 0.5708, 1.7270

Previews

White Background



This preview shows how the XYZ color 47.1641, 48.3512, 42.9233 looks on a white background.

Color Contrast Check

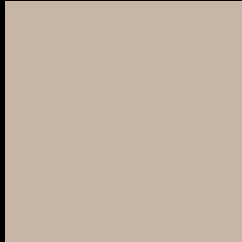
Large Text (above 18pt) WCAG AA × Fail

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 47.1641, 48.3512, 42.9233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

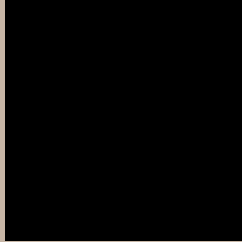
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1641, 48.3512, 42.9233

Background



This preview shows how black text looks on a background with the XYZ color 47.1641, 48.3512, 42.9233.



This preview shows how white text looks on a background with the XYZ color 47.1641, 48.3512,

42.9233.

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

47.1641, 48.3512, 42.9233

Protanopia

45.8538, 48.2775, 43.4609

Deuteranopia

49.1899, 48.1861, 43.2675



Tritanopia

49.7919, 48.2031, 56.5490

Trichromacy



Original Color

47.1641, 48.3512, 42.9233

Protanomaly

46.4142, 48.2591, 43.4279

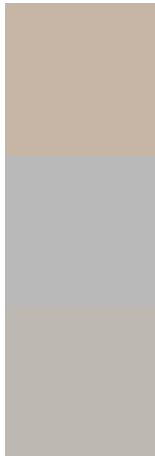
Deuteranomaly

48.2720, 48.0094, 43.2817

Tritanomaly

48.7547, 48.0766, 51.5098

Monochromacy



Original Color

47.1641, 48.3512, 42.9233

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4116, 48.4425, 49.0237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1641, 48.3512, 42.9233 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(199, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 166)  
}
```

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(199, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 166) }
```

Border

The CSS property to change the border of an element to XYZ 47.1641, 48.3512, 42.9233 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(199, 182, 166) }
```


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

```
.border{ border-color:rgb(199, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1641, 48.3512, 42.9233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 166) }
```

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

```
.background{ background-color: rgb(199,  
182, 166) }
```

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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