

Converting Colors

XYZ(48.6983, 47.3450, 42.5281)

Have a look what the booklet for
XYZ(48.6983, 47.3450, 42.5281)
contains.

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Color

**XYZ(48.7028, 47.3592,
42.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B0A6
RGB	209, 176, 166
RGB Percent	82%, 69%, 65%
CMY	0.1804, 0.3098, 0.3490
CMYK	0.00, 0.16, 0.21, 0.18
HSL	14°, 32%, 74%
HSV	14°, 21%, 82%
XYZ	48.7028, 47.3592, 42.6507
YIQ	184.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

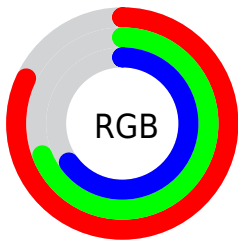
Format	Color
R_{YB}	209, 179, 166
Decimal	13742246
CIE _{Lab}	74.42, 10.37, 9.56
CIE _{LCh}	74, 14.103, 42.670
Yxy	47.3592, 0.3511, 0.3414
Android (android.graphics.Color)	4291932326 (0xFFD1B0A6)
YUV	184.7270, -9.2324, 21.2874
Hunter-Lab	68.8180, 5.8937, 11.4270

Details

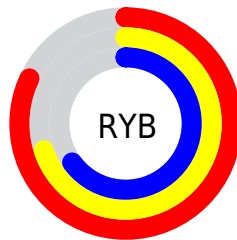
The XYZ color **48.7028, 47.3592, 42.6507** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6575, 53.5559, 68.1475**, and the grayscale version is **46.0043, 48.4001, 52.7077**.

A 20% lighter version of the original color is **83.1478, 84.1937, 80.2753**, and **23.4466, 22.2508, 18.9787** is the 20% darker color. If you saturate the color by 10%, you get **43.9785, 40.7333, 32.3734**, and if you desaturate by 10%, it is **54.1128, 54.8571, 54.6948**.

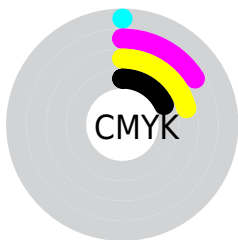
Distribution



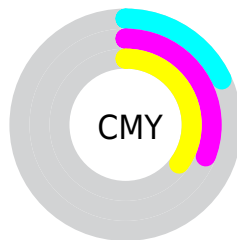
- Red (82%)
- Green (69%)
- Blue (65%)



- Red (82%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7028, 47.3592, 42.6507 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 48.7028, 47.3592, 42.6507 by changing the saturation by 10% instead.


 48.7028, 47.3592,
42.6507


 48.7028, 47.3592,
42.6507


372.1075,
376.2465, 373.0522

 34.5973, 33.3197,
29.2818

 87.4533, 86.2495,
80.4642

 23.5179, 22.3715,
19.0467


 112.8290,
111.8692, 105.7458

 15.0992, 14.1301,
11.5269


142.6922,
142.1177, 135.8354

 8.9758, 8.2112,
6.3038

177.4082,
177.3794, 171.1516

 4.7824, 4.2304,
2.9589

217.3424,
218.0387, 212.1128

 2.1536, 1.8033,
1.0737

262.8601,

 0.7181, 0.4892,

264.4801, 259.1376

0.0000

314.3267,
317.0879, 312.6446

0.0000, 0.0000,
0.0000

48.7028, 47.3592,
42.6507

48.7028, 47.3592,
42.6507

43.9785, 40.7333,
32.3734

54.1128, 54.8571,
54.6948

39.9082, 34.9411,
23.7765

60.2309, 63.2507,
68.5806

36.4632, 29.9511,
16.7707

67.0832, 72.5706,
84.3823

33.6111, 25.7271,
11.2572

74.6934, 82.8444,
102.1690

31.3168, 22.2302,
7.1262

80.1047, 92.2954,
108.2006

■ 29.5405, 19.4178,
4.2526

■ 28.2372, 17.2426,
2.4878

■ 27.3774, 15.7208,
1.5915

Harmonies

Analogous

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



49.9513, 47.3592, 48.5571



48.7028, 47.3592, 42.6507



46.4848, 47.3592, 39.3274

Triad

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



48.7028, 47.3592, 42.6507



40.5081, 47.3592, 47.5089



46.0938, 47.3592, 66.4603

Complementary

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



48.7028, 47.3592, 42.6507



47.6575, 53.5559, 68.1475

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.



43.5736, 47.3592, 66.1122



48.7028, 47.3592, 42.6507



40.4124, 47.3592, 54.6969

Square

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



48.7028, 47.3592, 42.6507



41.7821, 47.3592, 41.9457



41.5154, 47.3592, 61.6447



48.4073, 47.3592, 62.5554

Rectangle

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



48.7028, 47.3592, 42.6507



44.7863, 47.3592, 38.8120



41.5154, 47.3592, 61.6447



45.2415, 47.3592, 66.8467

Sweetspot

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



48.7041, 47.3613, 42.6517



89.0520, 91.7901, 95.2283



50.3195, 44.9837, 60.4808



18.9264, 19.4624, 20.0783



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.



48.7041, 47.3613, 42.6517



72.7625, 69.2146, 58.9593



53.1025, 56.1583, 44.1178



12.0288, 12.2482, 12.3422



16.9430, 9.8191, 1.0023



1.0095, 0.6734, 0.0768

Inverse Universe

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



47.6575, 53.5559, 68.1475



70.8084, 80.7481, 106.4617



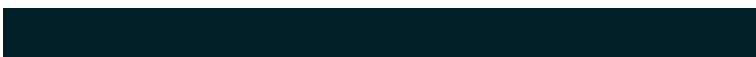
43.1920, 44.6248, 66.6590



11.9155, 12.9213, 15.1097



14.9652, 18.5769, 39.9894



0.8948, 1.1548, 2.2553

Previews

White Background



This preview shows how the XYZ color 48.7028, 47.3592, 42.6507 looks on a white background.

Color Contrast Check

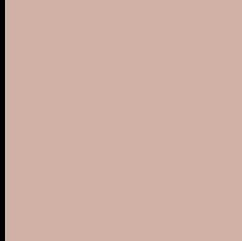
Large Text (above 18pt) WCAG AA × Fail

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 48.7028, 47.3592, 42.6507 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 48.7028, 47.3592, 42.6507

Background



This preview shows how black text looks on a background with the XYZ color 48.7028, 47.3592, 42.6507.



This preview shows how white text looks on a background with the XYZ color 48.7028, 47.3592,

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

48.7028, 47.3592, 42.6507

Protanopia

45.3301, 47.6787, 44.3499

Deuteranopia

48.3372, 47.4629, 42.6900



Tritanopia

50.6705, 47.2812, 52.9099

Trichromacy



Original Color

48.7028, 47.3592, 42.6507

Protanomaly

46.4151, 47.3400, 43.7370

Deuteranomaly

48.6175, 47.6074, 42.7031

Tritanomaly

49.8511, 47.2284, 49.1364

Monochromacy



Original Color

48.7028, 47.3592, 42.6507

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0120, 48.1396, 48.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7028, 47.3592, 42.6507 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, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(209, 176, 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(209, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 176, 166) }
```

Border

The CSS property to change the border of an element to XYZ 48.7028, 47.3592, 42.6507 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, 176, 166) }
```


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

```
.border{ border-color:rgb(209, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(209, 176,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7028, 47.3592, 42.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 176, 166) }
```

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

```
.background{ background-color: rgb(209,  
176, 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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