

Converting Colors

XYZ(49.7292, 54.7428, 47.4806)

Have a look what the booklet for
XYZ(49.7292, 54.7428, 47.4806)
contains.

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Color

**XYZ(49.7292, 54.7428,
47.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6AD
RGB	193, 198, 173
RGB Percent	76%, 78%, 68%
CMY	0.2431, 0.2235, 0.3216
CMYK	0.03, 0.00, 0.13, 0.22
HSL	72°, 18%, 73%
HSV	72°, 13%, 78%
XYZ	49.7292, 54.7428, 47.4806
YIQ	193.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

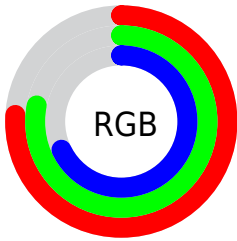
Format	Color
RYB	173, 198, 178
Decimal	12699309
CIELab	78.89, -6.12, 11.94
CIELCh	79, 13.423, 117.143
Yxy	54.7428, 0.3273, 0.3603
Android (android.graphics.Color)	4290889389 (0xFFC1C6AD)
YUV	193.6550, -10.1829, -0.5744
Hunter-Lab	73.9884, -9.5059, 13.7437

Details

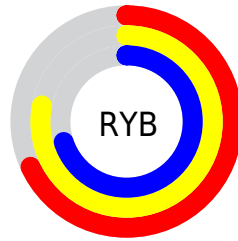
The XYZ color **49.7292, 54.7428, 47.4806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4990, 43.4309, 59.5195**, and the grayscale version is **51.1317, 53.7945, 58.5823**.

A 20% lighter version of the original color is **89.1879, 97.4454, 87.5069**, and **24.0719, 26.8160, 21.9964** is the 20% darker color. If you saturate the color by 10%, you get **46.9572, 53.5206, 38.0798**, and if you desaturate by 10%, it is **52.8153, 56.0973, 58.3806**.

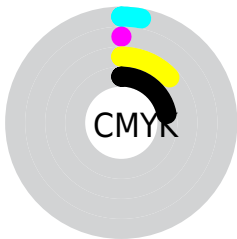
Distribution



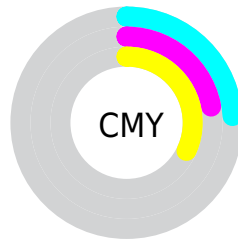
- Red (76%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7292, 54.7428, 47.4806 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 49.7292, 54.7428, 47.4806 by changing the saturation by 10% instead.

■ 49.7292, 54.7428,
47.4806

■ 49.7292, 54.7428,
47.4806

376.0755,
404.9362, 393.1788

■ 35.4152, 39.1958,
33.0587

■ 88.9677, 97.1640,
87.7880

■ 24.1509, 26.9121,
21.8999

114.6230,
124.8071, 114.5107

■ 15.5709, 17.5072,
13.5858

144.7894,
157.2509, 146.1706

■ 9.3100, 10.5968,
7.6977

179.8322,
194.8800, 183.1864

■ 5.0026, 5.7964,
3.8171

220.1169,
238.0787, 225.9765

■ 2.2836, 2.7217,
1.5256

266.0088,

■ 0.7862, 0.9882,

287.2313, 274.9596

0.2369

317.8732,
342.7224, 330.5542

■ 0.0000, 0.0000,
0.0000

■ 49.7292, 54.7428,
47.4806

■ 49.7292, 54.7428,
47.4806

■ 46.9572, 53.5206,
38.0798

■ 52.8153, 56.0973,
58.3806

■ 44.4821, 52.4186,
30.1090

■ 56.2228, 57.5818,
70.8378

■ 42.2919, 51.4335,
23.4991

■ 59.9645, 59.2031,
84.9114

■ 40.3719, 50.5595,
18.1737

■ 64.0511, 60.9655,
100.6564

■ 38.7058, 49.7902,
14.0489

■ 65.6325, 61.7291,
103.0634

■ 37.2756, 49.1183,
11.0307

■ 66.7949, 62.3284,
103.1178

■ 36.0607, 48.5354,
9.0113

■ 67.9856, 62.9422,
103.1736

■ 35.0362, 48.0317,
7.8615

■ 69.2048, 63.5707,
103.2306

■ 34.3695, 47.6976,
7.3951

■ 70.4526, 64.2140,
103.2890

Harmonies

Analogous

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



52.2871, 54.7428, 46.1211



49.7292, 54.7428, 47.4806



47.8458, 54.7428, 51.9952

Triad

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



49.7292, 54.7428, 47.4806



49.3014, 54.7428, 72.7982



57.3171, 54.7428, 60.3397

Complementary

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



49.7292, 54.7428, 47.4806



43.4990, 43.4309, 59.5195

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.



56.4542, 54.7428, 67.9245



49.7292, 54.7428, 47.4806



51.7765, 54.7428, 75.4914

Square

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



49.7292, 54.7428, 47.4806



47.6048, 54.7428, 66.5522



54.4036, 54.7428, 73.6368



56.7242, 54.7428, 53.1600

Rectangle

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



49.7292, 54.7428, 47.4806



47.1953, 54.7428, 56.4004



54.4036, 54.7428, 73.6368



57.1870, 54.7428, 62.9300

Sweetspot

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



49.7307, 54.7452, 47.4818



92.7038, 98.9752, 100.4443



46.7539, 46.8654, 46.1177



19.7502, 21.1444, 21.1697



0.0000, 0.0000, 0.0000



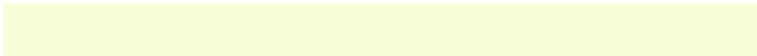
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7307, 54.7452, 47.4818



86.7312, 96.3535, 79.5022



46.6778, 53.1714, 47.3389



11.3079, 12.3057, 11.3420



22.4210, 31.0537, 4.8123



1.1160, 1.4984, 0.2304

Inverse Universe

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



43.4990, 43.4309, 59.5195



73.6649, 72.6291, 104.7440



46.4988, 44.9774, 59.6599



10.2517, 10.3880, 13.3823



7.2453, 2.9693, 34.9356



0.4033, 0.1717, 1.6570

Previews

White Background



This preview shows how the XYZ color 49.7292, 54.7428, 47.4806 looks on a white background.

Color Contrast Check

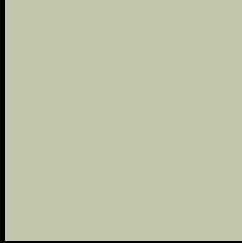
Large Text (above 18pt) WCAG AA × Fail

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 49.7292, 54.7428, 47.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

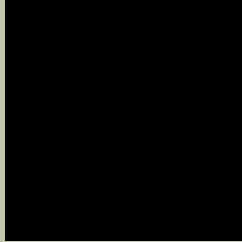
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

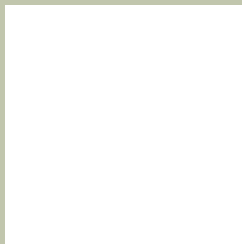
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7292, 54.7428, 47.4806

Background



This preview shows how black text looks on a background with the XYZ color 49.7292, 54.7428, 47.4806.



This preview shows how white text looks on a background with the XYZ color 49.7292, 54.7428,

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

49.7292, 54.7428, 47.4806

Protanopia

51.7676, 54.8079, 46.3786

Deuteranopia

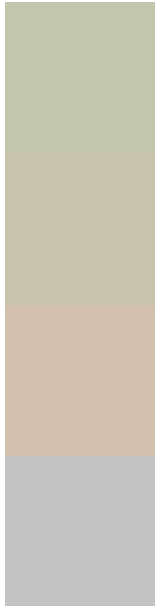
55.5399, 54.4337, 48.1369



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

49.7292, 54.7428, 47.4806

Protanomaly

51.0057, 54.7378, 46.9069

Deuteranomaly

53.3536, 54.6042, 47.7720

Tritanomaly

52.1304, 54.7061, 59.4415

Monochromacy



Original Color

49.7292, 54.7428, 47.4806

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.6262, 54.0447, 54.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7292, 54.7428, 47.4806 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(193, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 173)  
}
```

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(193, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 173) }
```

Border

The CSS property to change the border of an element to XYZ 49.7292, 54.7428, 47.4806 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(193, 198, 173) }
```


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

```
.border{ border-color:rgb(193, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7292, 54.7428, 47.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 173) }
```

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

```
.background{ background-color: rgb(193,  
198, 173) }
```

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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