

Converting Colors

XYZ(42.6990, 44.6103, 42.6802)

Have a look what the booklet for
XYZ(42.6990, 44.6103, 42.6802)
contains.

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Color

**XYZ(42.7048, 44.5486,
42.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B1A7
RGB	185, 177, 167
RGB Percent	73%, 69%, 65%
CMY	0.2745, 0.3059, 0.3451
CMYK	0.00, 0.04, 0.10, 0.27
HSL	33°, 11%, 69%
HSV	33°, 10%, 73%
XYZ	42.7048, 44.5486, 42.9072
YIQ	178.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

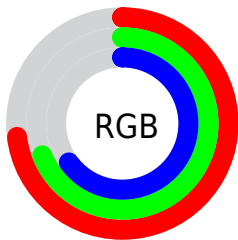
Format	Color
RYB	181, 185, 167
Decimal	12169639
CIELab	72.59, 1.09, 6.12
CIElCh	73, 6.214, 79.924
Yxy	44.5486, 0.3281, 0.3423
Android (android.graphics.Color)	4290359719 (0xFFB9B1A7)
YUV	178.2520, -5.5472, 5.9180
Hunter-Lab	66.7447, -2.5949, 8.6064

Details

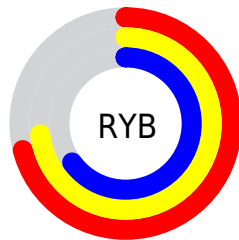
The XYZ color **42.7048, 44.5486, 42.9072** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0232, 42.3775, 51.9697**, and the grayscale version is **42.4769, 44.6890, 48.6663**.

A 20% lighter version of the original color is **78.5994, 82.2525, 80.8409**, and **19.8179, 20.5586, 19.1434** is the 20% darker color. If you saturate the color by 10%, you get **39.5410, 40.7647, 34.0098**, and if you desaturate by 10%, it is **46.2135, 48.6298, 53.1278**.

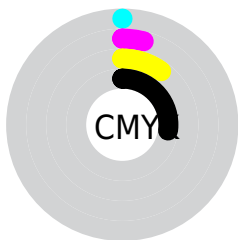
Distribution



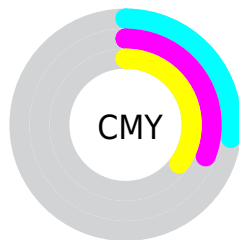
- Red (73%)
- Green (69%)
- Blue (65%)



- Red (71%)
- Yellow (73%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7048, 44.5486, 42.9072 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 42.7048, 44.5486, 42.9072 by changing the saturation by 10% instead.

■ 42.7048, 44.5486,
42.9072

■ 42.7048, 44.5486,
42.9072

348.3385,
364.9423, 374.1400

■ 29.8471, 31.1020,
29.4814

■ 78.5237, 82.0426,
80.8557

■ 19.8700, 20.6766,
19.1966

■ 102.2156,
106.8589, 106.2154

■ 12.4083, 12.8878,
11.6342

130.2496,
136.2338, 136.3903

■ 7.0966, 7.3513,
6.3756

162.9910,
170.5518, 171.7988

■ 3.5694, 3.6828,
3.0023

200.8053,
210.1972, 212.8595

■ 1.4616, 1.4977,
1.0958

244.0577,

■ 0.2995, 0.2871,

255.5545, 259.9909

0.0000

293.1136,
307.0081, 313.6115

■ 0.0000, 0.0000,
0.0000

■ 42.7048, 44.5486,
42.9072

■ 42.7048, 44.5486,
42.9072

■ 39.5410, 40.7647,
34.0098

■ 46.2135, 48.6298,
53.1278

■ 36.7065, 37.2648,
26.3777

■ 50.0749, 53.0098,
64.7204

■ 34.1896, 34.0429,
19.9529

■ 54.3010, 57.6973,
77.7350

■ 31.9765, 31.0905,
14.6719

■ 58.9021, 62.6991,
92.2181

■ 30.0524, 28.3988,
10.4650

■ 63.1547, 67.7282,
104.3520

■ 28.4007, 25.9581,
7.2550

■ 65.3405, 72.0997,
105.0806

■ 27.0030, 23.7577,
4.9543

■ 67.6334, 76.6856,
105.8449

■ 25.8376, 21.7859,
3.4594

■ 70.0350, 81.4888,
106.6454

■ 24.8644, 20.0231,
2.5687

■ 72.5466, 86.5121,
107.4826

Harmonies

Analogous

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



43.6870, 44.5486, 44.1152



42.7048, 44.5486, 42.9072



41.6416, 44.5486, 43.1501

Triad

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



42.7048, 44.5486, 42.9072



40.4282, 44.5486, 50.5515



43.9437, 44.5486, 52.4181

Complementary

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



42.7048, 44.5486, 42.9072



40.0232, 42.3775, 51.9697

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.



43.0505, 44.5486, 54.2874



42.7048, 44.5486, 42.9072



41.0251, 44.5486, 53.1785

Square

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



42.7048, 44.5486, 42.9072



40.3392, 44.5486, 47.4774



41.9815, 44.5486, 54.5715



44.4102, 44.5486, 49.5490

Rectangle

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



42.7048, 44.5486, 42.9072



41.0292, 44.5486, 44.1058



41.9815, 44.5486, 54.5715



43.6827, 44.5486, 53.1893

Sweetspot

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



42.7060, 44.5506, 42.9082



80.6125, 84.6103, 88.8062



41.5746, 41.0515, 46.3421



17.2682, 18.1125, 18.8225



88.6918, 93.3107, 101.6153



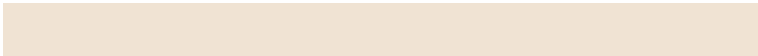
17.8044, 18.7317, 20.3988

Same Dimension

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



42.7060, 44.5506, 42.9082



75.0309, 78.0680, 72.7000



44.1157, 47.6912, 43.4401



9.4073, 9.8176, 9.5061



16.9869, 13.7502, 1.7587



0.6595, 0.6061, 0.0822

Inverse Universe

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



40.0232, 42.3775, 51.9697



69.1083, 73.2709, 92.7049



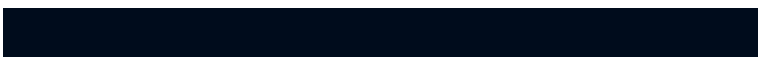
38.7035, 39.4548, 51.4751



8.8407, 9.3586, 11.4199



8.0972, 6.6541, 32.1107



0.3473, 0.3583, 1.1526

Previews

White Background



This preview shows how the XYZ color 42.7048, 44.5486, 42.9072 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 42.7048, 44.5486, 42.9072 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 42.7048, 44.5486, 42.9072

Background



This preview shows how black text looks on a background with the XYZ color 42.7048, 44.5486, 42.9072.

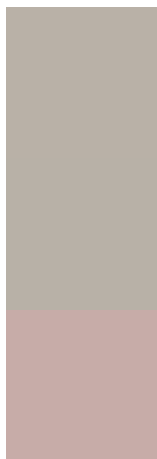


This preview shows how white text looks on a background with the XYZ color 42.7048, 44.5486,

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

42.7048, 44.5486, 42.9072

Protanopia

42.4644, 44.4246, 42.8959

Deuteranopia

45.3736, 44.4743, 43.2387



Tritanopia

44.9522, 44.5943, 53.8153

Trichromacy



Original Color

42.7048, 44.5486, 42.9072

Protanomaly

42.4644, 44.4246, 42.8959

Deuteranomaly

44.4521, 44.5686, 43.3055

Tritanomaly

44.0617, 44.5200, 49.4509

Monochromacy



Original Color

42.7048, 44.5486, 42.9072

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6164, 44.7205, 46.4302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7048, 44.5486, 42.9072 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(185, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(185, 177, 167)  
}
```

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(185, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 177, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.7048, 44.5486, 42.9072 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(185, 177, 167) }
```


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

```
.border{ border-color:rgb(185, 177, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(185, 177,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7048, 44.5486, 42.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 177, 167) }
```

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

```
.background{ background-color: rgb(185,  
177, 167) }
```

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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