

Converting Colors

XYZ(49.0267, 49.7593, 50.7312)

Have a look what the booklet for
XYZ(49.0267, 49.7593, 50.7312)
contains.

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Color

**XYZ(49.0342, 49.7593,
50.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B8B5
RGB	199, 184, 181
RGB Percent	78%, 72%, 71%
CMY	0.2196, 0.2784, 0.2902
CMYK	0.00, 0.08, 0.09, 0.22
HSL	10°, 14%, 75%
HSV	10°, 9%, 78%
XYZ	49.0342, 49.7593, 50.7362
YIQ	188.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

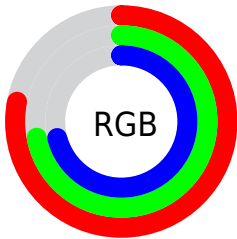
Format	Color
R_{YB}	199, 185, 181
Decimal	13088949
CIE Lab	75.92, 4.80, 3.43
CIE LCh	76, 5.900, 35.563
Yxy	49.7593, 0.3279, 0.3328
Android (android.graphics.Color)	4291279029 (0xFFC7B8B5)
YUV	188.1430, -3.5215, 9.5216
Hunter-Lab	70.5403, 0.6341, 6.7338

Details

The XYZ color **49.0342, 49.7593, 50.7362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1047, 53.4263, 61.7577**, and the grayscale version is **47.8978, 50.3922, 54.8772**.

A 20% lighter version of the original color is **87.6862, 89.6946, 92.8120**, and **23.6896, 23.8109, 23.7695** is the 20% darker color. If you saturate the color by 10%, you get **43.8922, 42.5126, 39.6574**, and if you desaturate by 10%, it is **54.8744, 57.9344, 63.4879**.

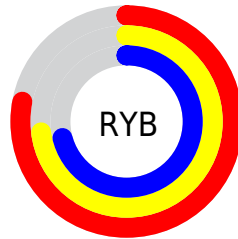
Distribution



Red (78%)

Green (72%)

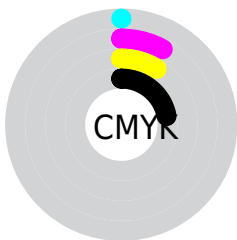
Blue (71%)



Red (78%)

Yellow (73%)

Blue (71%)

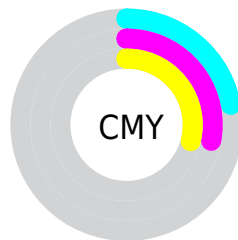


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0342, 49.7593, 50.7362 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 49.0342, 49.7593, 50.7362 by changing the saturation by 10% instead.


 49.0342, 49.7593,
50.7362

 49.0342, 49.7593,
50.7362


373.3917,
385.7239, 406.3552

 34.8613, 35.2222,
35.6234


 87.9427, 89.8181,
92.6722

 23.7220, 23.8341,
23.8561


113.4089,
116.1087, 120.3326

 15.2512, 15.2106,
15.0157


143.3703,
147.0858, 153.0125

 9.0833, 8.9673,
8.6837

178.1921,
183.1338, 191.1306

 4.8531, 4.7199,
4.4414

218.2398,
224.6373, 235.1054

 2.1952, 2.0839,
1.8705

263.8788,

 0.7402, 0.6555,

271.9805, 285.3554

0.4739

315.4743,
325.5479, 342.2992

■ 0.0000, 0.0000,
0.0000

■ 49.0342, 49.7593,
50.7362

■ 49.0342, 49.7593,
50.7362

■ 43.8922, 42.5126,
39.6574

■ 54.8744, 57.9344,
63.4879

■ 39.4180, 36.1549,
30.1789

■ 61.4333, 67.0624,
77.9745

■ 35.5851, 30.6540,
22.2274

■ 68.7359, 77.1750,
94.2591

■ 32.3637, 25.9729,
15.7227

■ 75.8895, 87.9344,
107.5810

■ 29.7216, 22.0720,
10.5772

■ 77.3635, 90.8823,
108.0723

■ 27.6235, 18.9085,
6.6940

■ 26.0300, 16.4352,
3.9629

■ 24.8964, 14.5994,
2.2548

■ 24.1587, 13.3361,
1.3554

Harmonies

Analogous

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



49.4287, 49.7593, 53.5951



49.0342, 49.7593, 50.7362



48.1741, 49.7593, 48.8556

Triad

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



49.0342, 49.7593, 50.7362



45.3973, 49.7593, 51.7147



47.4998, 49.7593, 60.4272

Complementary

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



49.0342, 49.7593, 50.7362



49.1047, 53.4263, 61.7577

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.



46.4261, 49.7593, 59.8766



49.0342, 49.7593, 50.7362



45.2231, 49.7593, 54.7680

Square

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



49.0342, 49.7593, 50.7362



46.0767, 49.7593, 49.4051



45.5969, 49.7593, 57.7750



48.5341, 49.7593, 59.2518

Rectangle

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



49.0342, 49.7593, 50.7362



47.4584, 49.7593, 48.3683



45.5969, 49.7593, 57.7750



47.1315, 49.7593, 60.4383

Sweetspot

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



49.0356, 49.7615, 50.7373



91.8429, 95.5177, 101.8753



50.0415, 49.1761, 59.0797



19.4789, 20.1939, 21.4137



0.0000, 0.0000, 0.0000



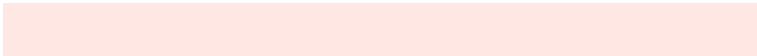
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0356, 49.7615, 50.7373



83.8509, 84.3087, 84.4907



50.9643, 53.6190, 51.3802



10.7745, 10.9182, 11.1023



15.5425, 8.6022, 0.8412



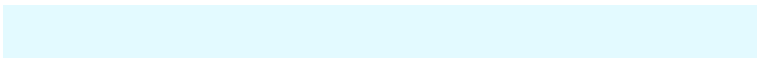
0.7818, 0.4990, 0.0551

Inverse Universe

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



49.1047, 53.4263, 61.7577



83.9978, 92.1127, 107.9601



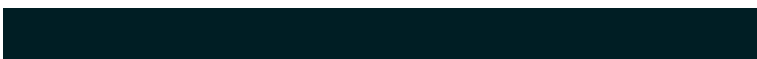
47.1359, 49.4887, 61.1014



10.7903, 11.7546, 13.6177



15.4285, 20.2509, 37.8400



0.7717, 1.0411, 1.8054

Previews

White Background



This preview shows how the XYZ color 49.0342, 49.7593, 50.7362 looks on a white background.

Color Contrast Check

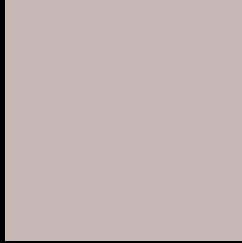
Large Text (above 18pt) WCAG AA × Fail

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 49.0342, 49.7593, 50.7362 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 49.0342, 49.7593, 50.7362

Background



This preview shows how black text looks on a background with the XYZ color 49.0342, 49.7593, 50.7362.



This preview shows how white text looks on a background with the XYZ color 49.0342, 49.7593,

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

49.0342, 49.7593, 50.7362

Protanopia

47.7406, 49.7017, 51.3332

Deuteranopia

50.6995, 49.6905, 51.1751



Tritanopia

50.7791, 49.8589, 59.1719

Trichromacy



Original Color

49.0342, 49.7593, 50.7362

Protanomaly

48.2981, 49.6774, 51.2991

Deuteranomaly

50.0733, 49.6707, 51.2042

Tritanomaly

50.1569, 49.9079, 56.2799

Monochromacy



Original Color

49.0342, 49.7593, 50.7362

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2655, 50.2499, 53.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0342, 49.7593, 50.7362 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, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 181)  
}
```

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, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 181) }
```

Border

The CSS property to change the border of an element to XYZ 49.0342, 49.7593, 50.7362 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, 184, 181) }
```


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

```
.border{ border-color:rgb(199, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0342, 49.7593, 50.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 181) }
```

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

```
.background{ background-color: rgb(199,  
184, 181) }
```

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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