

Converting Colors

XYZ(47.2540, 49.0606, 50.3689)

Have a look what the booklet for
XYZ(47.2540, 49.0606, 50.3689)
contains.

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Color

**XYZ(47.3254, 49.1997,
50.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9B4
RGB	192, 185, 180
RGB Percent	75%, 73%, 71%
CMY	0.2471, 0.2745, 0.2941
CMYK	0.00, 0.04, 0.06, 0.25
HSL	25°, 9%, 73%
HSV	25°, 6%, 75%
XYZ	47.3254, 49.1997, 50.1822
YIQ	186.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

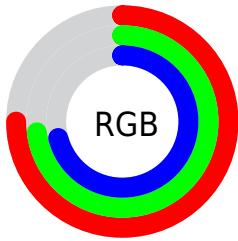
Format	Color
RYB	192, 189, 180
Decimal	12630452
CIELab	75.58, 1.58, 3.40
CIELCh	76, 3.749, 65.131
Yxy	49.1997, 0.3226, 0.3354
Android (android.graphics.Color)	4290820532 (0xFFC0B9B4)
YUV	186.5230, -3.2158, 4.8033
Hunter-Lab	70.1425, -2.3148, 6.6818

Details

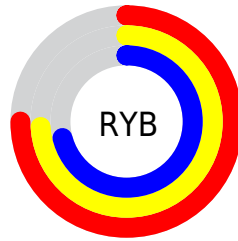
The XYZ color **47.3254, 49.1997, 50.1822** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1070, 49.0489, 56.9070**, and the grayscale version is **46.9819, 49.4287, 53.8278**.

A 20% lighter version of the original color is **85.3070, 88.9232, 92.0246**, and **22.7295, 23.5238, 23.4212** is the 20% darker color. If you saturate the color by 10%, you get **43.2534, 43.9717, 39.8341**, and if you desaturate by 10%, it is **51.8555, 54.9092, 62.0210**.

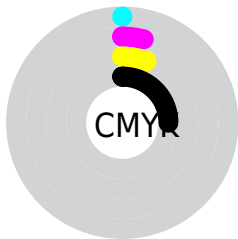
Distribution



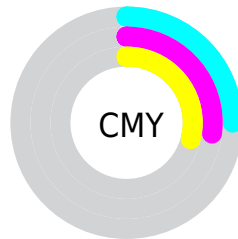
- Red (75%)
- Green (73%)
- Blue (71%)



- Red (75%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3254, 49.1997, 50.1822 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 47.3254, 49.1997, 50.1822 by changing the saturation by 10% instead.

■ 47.3254, 49.1997,
50.1822

■ 47.3254, 49.1997,
50.1822

366.7392,
383.5280, 404.1335

■ 33.5020, 34.7779,
35.1860

■ 85.4149, 88.9880,
91.8439

■ 22.6724, 23.4919,
23.5215

110.4118,
115.1233, 119.3464

■ 14.4711, 14.9571,
14.7701

139.8638,
145.9319, 151.8548

■ 8.5330, 8.7893,
8.5134

174.1364,
181.7981, 189.7876

■ 4.4925, 4.6040,
4.3327

213.5948,
223.1065, 233.5633

■ 1.9843, 2.0168,
1.8096

258.6045,

■ 0.6251, 0.6172,

270.2413, 283.6005

0.4343

309.5309,
323.5870, 340.3177

■ 0.0000, 0.0000,
0.0000

■ 47.3254, 49.1997,
50.1822

■ 47.3254, 49.1997,
50.1822

■ 43.2534, 43.9717,
39.8341

■ 51.8555, 54.9092,
62.0210

■ 39.6202, 39.2059,
30.9138

■ 56.8542, 61.1061,
75.4036

■ 36.4108, 34.8909,
23.3585

■ 62.3367, 67.8044,
90.3845

■ 33.6081, 31.0126,
17.0996

■ 68.0246, 74.8990,
105.4794

■ 31.1934, 27.5560,
12.0625

■ 71.2367, 81.3232,
106.5501

■ 29.1463, 24.5049,
8.1646

■ 74.6525, 88.1546,
107.6887

■ 27.4445, 21.8421,
5.3132

■ 75.5485, 89.9466,
107.9873

■ 26.0623, 19.5487,
3.4006

■ 24.9681, 17.6028,
2.2885

Harmonies

Analogous

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



47.8610, 49.1997, 51.4042



47.3254, 49.1997, 50.1822



46.6438, 49.1997, 49.8588

Triad

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



47.3254, 49.1997, 50.1822



45.4483, 49.1997, 53.9121



47.5337, 49.1997, 56.7518

Complementary

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



47.3254, 49.1997, 50.1822



46.1070, 49.0489, 56.9070

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.



46.8821, 49.1997, 57.4612



47.3254, 49.1997, 50.1822



45.6816, 49.1997, 55.7960

Square

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



47.3254, 49.1997, 50.1822



45.5644, 49.1997, 51.9814



46.2048, 49.1997, 57.1072



47.9821, 49.1997, 55.1909

Rectangle

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



47.3254, 49.1997, 50.1822



46.1993, 49.1997, 50.1893



46.2048, 49.1997, 57.1072



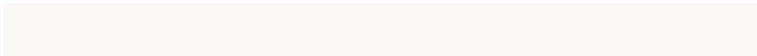
47.3310, 49.1997, 57.0995

Sweetspot

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



47.3268, 49.2018, 50.1833



89.1115, 93.4051, 99.6401



47.0297, 47.4376, 53.6920



19.1353, 20.0611, 21.4229



92.9021, 97.7402, 106.4391



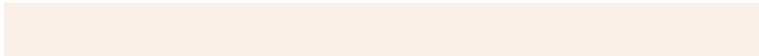
19.4759, 20.4902, 22.3138

Same Dimension

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



47.3268, 49.2018, 50.1833



85.0840, 88.2991, 89.2064



48.6078, 51.7639, 50.6103



10.5887, 10.9800, 11.0451



16.6338, 11.5533, 1.3533



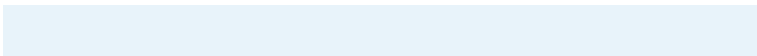
0.7867, 0.6351, 0.0811

Inverse Universe

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



46.1070, 49.0489, 56.9070



82.5834, 87.9855, 102.9906



44.8614, 46.5576, 56.4918



10.2603, 10.9388, 12.8555



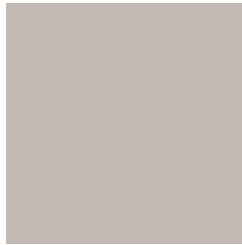
10.3751, 10.5067, 35.0378



0.5151, 0.5876, 1.5361

Previews

White Background



This preview shows how the XYZ color 47.3254, 49.1997, 50.1822 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 47.3254, 49.1997, 50.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

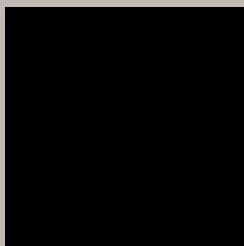
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

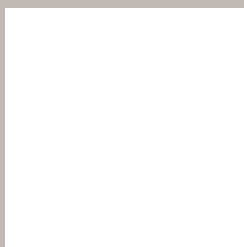
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3254, 49.1997, 50.1822

Background



This preview shows how black text looks on a background with the XYZ color 47.3254, 49.1997, 50.1822.

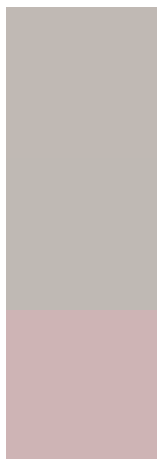


This preview shows how white text looks on a background with the XYZ color 47.3254, 49.1997,

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

47.3254, 49.1997, 50.1822

Protanopia

47.0730, 49.0696, 50.1704

Deuteranopia

50.1153, 49.1005, 50.5520



Tritanopia

49.0541, 48.9564, 59.6874

Trichromacy



Original Color

47.3254, 49.1997, 50.1822

Protanomaly

47.0730, 49.0696, 50.1704

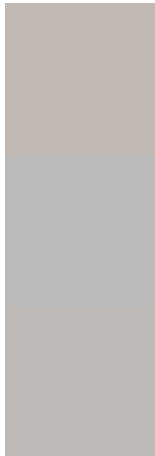
Deuteranomaly

49.1558, 49.2096, 50.6237

Tritanomaly

48.3298, 48.9660, 56.1943

Monochromacy



Original Color

47.3254, 49.1997, 50.1822

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.1969, 49.3973, 52.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3254, 49.1997, 50.1822 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(192, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 180)  
}
```

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(192, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 180) }
```

Border

The CSS property to change the border of an element to XYZ 47.3254, 49.1997, 50.1822 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(192, 185, 180) }
```


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

```
.border{ border-color:rgb(192, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3254, 49.1997, 50.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 180) }
```

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

```
.background{ background-color: rgb(192,  
185, 180) }
```

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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