

Converting Colors

XYZ(50.1274, 52.9443, 48.1512)

Have a look what the booklet for
XYZ(50.1274, 52.9443, 48.1512)
contains.

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Color

**XYZ(50.1407, 52.9365,
48.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0AF
RGB	199, 192, 175
RGB Percent	78%, 75%, 69%
CMY	0.2196, 0.2470, 0.3137
CMYK	0.00, 0.04, 0.12, 0.22
HSL	43°, 18%, 73%
HSV	43°, 12%, 78%
XYZ	50.1407, 52.9365, 48.1325
YIQ	192.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

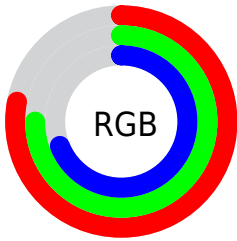
Format	Color
RYB	185, 199, 175
Decimal	13090991
CIELab	77.84, -0.47, 9.43
CIELCh	78, 9.446, 92.830
Yxy	52.9365, 0.3316, 0.3501
Android (android.graphics.Color)	4291281071 (0xFFC7C0AF)
YUV	192.1550, -8.4574, 6.0031
Hunter-Lab	72.7575, -4.3126, 11.7071

Details

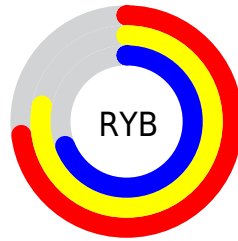
The XYZ color **50.1407, 52.9365, 48.1325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7159, 46.6926, 60.6892**, and the grayscale version is **50.2386, 52.8549, 57.5590**.

A 20% lighter version of the original color is **89.2312, 94.1643, 89.0738**, and **24.4848, 25.9150, 22.4505** is the 20% darker color. If you saturate the color by 10%, you get **47.0802, 49.7159, 38.1697**, and if you desaturate by 10%, it is **53.5424, 56.3774, 59.6314**.

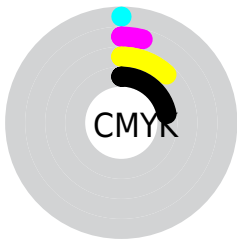
Distribution



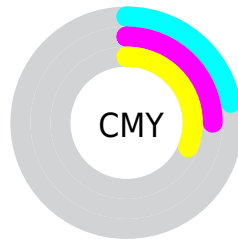
- Red (78%)
- Green (75%)
- Blue (69%)



- Red (73%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1407, 52.9365, 48.1325 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 50.1407, 52.9365, 48.1325 by changing the saturation by 10% instead.

■ 50.1407, 52.9365,
48.1325

■ 50.1407, 52.9365,
48.1325

377.6588,
398.0415, 395.8409

■ 35.7435, 37.7521,
33.5711

■ 89.5739, 94.5109,
88.7693

■ 24.4053, 25.7903,
22.2896

115.3405,
121.6697, 115.6817

■ 15.7609, 16.6668,
13.8695

145.6277,
153.5888, 147.5482

■ 9.4449, 9.9972,
7.8922

180.8008,
190.6524, 184.7873

■ 5.0919, 5.3971,
3.9393

221.2250,
233.2451, 227.8176

■ 2.3366, 2.4821,
1.5921

267.2659,

■ 0.8133, 0.8677,

281.7513, 277.0576

0.2852

319.2887,
336.5553, 332.9259

■ 0.0000, 0.0000,
0.0000

■ 50.1407, 52.9365,
48.1325

■ 50.1407, 52.9365,
48.1325

■ 47.0802, 49.7159,
38.1697

■ 53.5424, 56.3774,
59.6314

■ 44.3434, 46.7025,
29.6734

■ 57.2933, 60.0375,
72.7251

■ 41.9178, 43.8920,
22.5734

■ 61.4065, 63.9247,
87.4738

■ 39.7881, 41.2775,
16.7926

■ 65.8932, 68.0442,
103.9329

■ 37.9377, 38.8512,
12.2464

■ 67.4627, 71.0807,
104.7720

■ 36.3480, 36.6049,
8.8401

■ 69.0210, 74.1974,
105.2915

■ 34.9979, 34.5290,
6.4654

■ 70.6328, 77.4210,
105.8287

■ 33.8622, 32.6124,
4.9925

■ 72.2986, 80.7526,
106.3840

■ 33.0768, 31.1890,
4.2767

■ 74.0188, 84.1931,
106.9574

Harmonies

Analogous

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



51.9414, 52.9365, 49.1160



50.1407, 52.9365, 48.1325



48.4276, 52.9365, 49.5654

Triad

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



50.1407, 52.9365, 48.1325



47.4104, 52.9365, 63.2870



53.5162, 52.9365, 62.3726

Complementary

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



50.1407, 52.9365, 48.1325



44.7159, 46.6926, 60.6892

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.



52.2499, 52.9365, 66.5446



50.1407, 52.9365, 48.1325



48.7221, 52.9365, 67.0947

Square

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



50.1407, 52.9365, 48.1325



46.8754, 52.9365, 58.1388



50.4888, 52.9365, 68.3211



53.9180, 52.9365, 57.1418

Rectangle

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



50.1407, 52.9365, 48.1325



47.5576, 52.9365, 51.7522



50.4888, 52.9365, 68.3211



53.1760, 52.9365, 63.9558

Sweetspot

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



50.1421, 52.9388, 48.1336



92.5097, 97.4779, 100.1655



47.3480, 46.1885, 50.7849



19.7010, 20.7643, 21.0989



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.



50.1421, 52.9388, 48.1336



86.5951, 91.4491, 80.3125



50.4614, 55.4384, 48.5993



11.2527, 11.8745, 11.2617



21.3475, 20.2122, 2.7762



1.0711, 1.0775, 0.1515

Inverse Universe

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



44.7159, 46.6926, 60.6892



75.5691, 78.7573, 105.8265



44.4153, 44.4636, 60.2748



10.3044, 10.7829, 13.4557



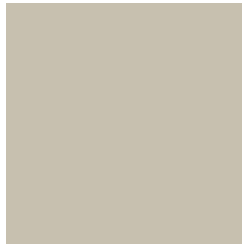
7.6684, 4.7308, 35.2533



0.4269, 0.3515, 1.6905

Previews

White Background



This preview shows how the XYZ color 50.1407, 52.9365, 48.1325 looks on a white background.

Color Contrast Check

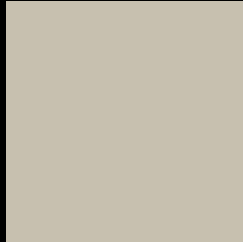
Large Text (above 18pt) WCAG AA × Fail

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 50.1407, 52.9365, 48.1325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

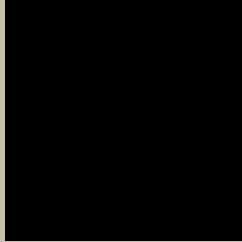
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

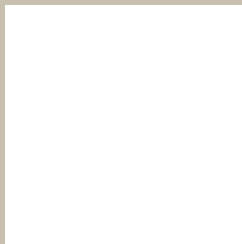
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1407, 52.9365, 48.1325

Background



This preview shows how black text looks on a background with the XYZ color 50.1407, 52.9365, 48.1325.

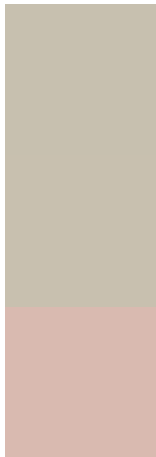


This preview shows how white text looks on a background with the XYZ color 50.1407, 52.9365,

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

50.1407, 52.9365, 48.1325

Protanopia

50.4069, 53.0738, 48.1450

Deuteranopia

54.0107, 53.0041, 48.4584



Tritanopia

53.3913, 52.9747, 63.9110

Trichromacy



Original Color

50.1407, 52.9365, 48.1325

Protanomaly

50.4069, 53.0738, 48.1450

Deuteranomaly

52.3980, 52.8027, 48.5046

Tritanomaly

52.1804, 52.8020, 57.8937

Monochromacy



Original Color

50.1407, 52.9365, 48.1325

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2182, 52.8465, 54.0080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1407, 52.9365, 48.1325 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, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 175)  
}
```

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, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.1407, 52.9365, 48.1325 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, 192, 175) }
```


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

```
.border{ border-color:rgb(199, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1407, 52.9365, 48.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 175) }
```

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

```
.background{ background-color: rgb(199,  
192, 175) }
```

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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