

Converting Colors

XYZ(50.5314, 48.3405, 54.2443)

Have a look what the booklet for
XYZ(50.5314, 48.3405, 54.2443)
contains.

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Color

**XYZ(50.5314, 48.3405,
54.2443)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB1BC
RGB	207, 177, 188
RGB Percent	81%, 69%, 74%
CMY	0.1882, 0.3059, 0.2627
CMYK	0.00, 0.14, 0.09, 0.19
HSL	338°, 24%, 75%
HSV	338°, 14%, 81%
XYZ	50.5314, 48.3405, 54.2443
YIQ	187.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

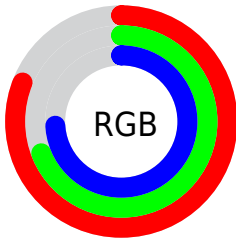
Format	Color
RYB	207, 177, 188
Decimal	13611452
CIELab	75.04, 12.64, -1.58
CIELCh	75, 12.741, 352.858
Yxy	48.3405, 0.3300, 0.3157
Android (android.graphics.Color)	4291801532 (0xFFCFB1BC)
YUV	187.2240, 0.3826, 17.3436
Hunter-Lab	69.5273, 8.0582, 2.4119

Details

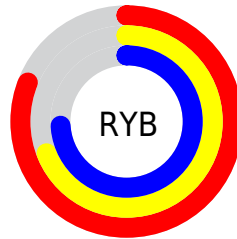
The XYZ color **50.5314, 48.3405, 54.2443** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4100, 57.9596, 60.7578**, and the grayscale version is **47.3539, 49.8200, 54.2539**.

A 20% lighter version of the original color is **86.7080, 86.0695, 97.6310**, and **24.5297, 22.8400, 26.0374** is the 20% darker color. If you saturate the color by 10%, you get **45.3991, 40.2357, 45.8741**, and if you desaturate by 10%, it is **56.4151, 57.7413, 63.4998**.

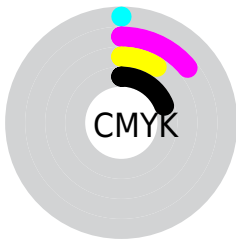
Distribution



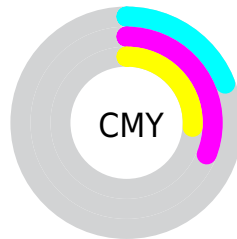
- Red (81%)
- Green (69%)
- Blue (74%)



- Red (81%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5314, 48.3405, 54.2443 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 50.5314, 48.3405, 54.2443 by changing the saturation by 10% instead.

 50.5314, 48.3405,
54.2443

 50.5314, 48.3405,
54.2443


379.1581,
380.1402, 420.2418

 36.0553, 34.0966,
38.4025

 90.1488, 87.7112,
97.8929

 24.6472, 22.9678,
25.9910


116.0209,
113.6067, 126.5367

 15.9418, 14.5698,
16.5912


146.4224,
144.1550, 160.2850

 9.5735, 8.5180,
9.7846

181.7187,
179.7403, 199.5563

 5.1772, 4.4281,
5.1526

222.2750,
220.7471, 244.7690

 2.3874, 1.9158,
2.2768

268.4568,

 0.8388, 0.5579,

267.5597, 296.3419

0.7182

320.6294,
320.5626, 354.6933

■ 0.0000, 0.0000,
0.0000

■ 50.5314, 48.3405,
54.2443

■ 50.5314, 48.3405,
54.2443

■ 45.3991, 40.2357,
45.8741

■ 56.4151, 57.7413,
63.4998

■ 40.9829, 33.3634,
38.3588

■ 63.0753, 68.4852,
73.6633

■ 37.2505, 27.6645,
31.6707

■ 70.5413, 80.6248,
84.7607

■ 34.1657, 23.0723,
25.7796

■ 77.2873, 91.1035,
96.2985

■ 31.6886, 19.5133,
20.6529

■ 79.3114, 91.9131,
106.9573

■ 29.7748, 16.9052,
16.2554

■ 79.5425, 92.0056,
108.1743

■ 28.3732, 15.1528,
12.5488

■ 27.4223, 14.1405,
9.4896

■ 27.0330, 13.7858,
8.0526

Harmonies

Analogous

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



49.6068, 48.3405, 60.7589



50.5314, 48.3405, 54.2443



50.1947, 48.3405, 47.8112

Triad

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



50.5314, 48.3405, 54.2443



44.2296, 48.3405, 41.6854



43.2966, 48.3405, 63.5269

Complementary

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



50.5314, 48.3405, 54.2443



50.4100, 57.9596, 60.7578

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.



41.9444, 48.3405, 57.7719



50.5314, 48.3405, 54.2443



42.4703, 48.3405, 45.2688

Square

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



50.5314, 48.3405, 54.2443



46.5049, 48.3405, 40.9138



41.6471, 48.3405, 51.0570



45.3920, 48.3405, 66.4039

Rectangle

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



50.5314, 48.3405, 54.2443



49.3055, 48.3405, 44.3891



41.6471, 48.3405, 51.0570



42.7430, 48.3405, 61.8427

Sweetspot

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



50.5328, 48.3426, 54.2453



90.8590, 93.2547, 102.4574



49.7513, 47.6873, 65.6146



19.2838, 19.6973, 21.6765



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.



50.5328, 48.3426, 54.2453



78.6361, 73.7482, 83.1559



50.1935, 49.4896, 48.5045



11.9853, 11.8789, 13.1985



17.0736, 8.7023, 5.2938



0.9924, 0.5017, 0.4949

Inverse Universe

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



50.5328, 48.3426, 54.2453



78.6361, 73.7482, 83.1559



50.7515, 56.5654, 67.2756



11.9853, 11.8789, 13.1985



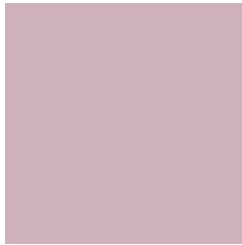
17.0736, 8.7023, 5.2938



0.9924, 0.5017, 0.4949

Previews

White Background



This preview shows how the XYZ color 50.5314, 48.3405, 54.2443 looks on a white background.

Color Contrast Check

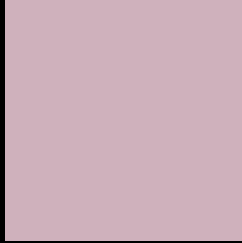
Large Text (above 18pt) WCAG AA × Fail

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 50.5314, 48.3405, 54.2443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

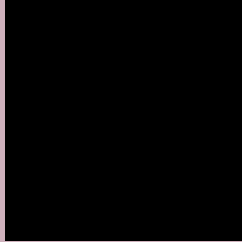
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5314, 48.3405, 54.2443

Background



This preview shows how black text looks on a background with the XYZ color 50.5314, 48.3405, 54.2443.



This preview shows how white text looks on a background with the XYZ color 50.5314, 48.3405,

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

50.5314, 48.3405, 54.2443

Protanopia

46.9046, 48.5259, 56.7635

Deuteranopia

49.2846, 48.2885, 54.3000



Tritanopia

50.7485, 48.4274, 55.3879

Trichromacy



Original Color

50.5314, 48.3405, 54.2443

Protanomaly

48.1760, 48.2787, 56.0698

Deuteranomaly

49.6261, 48.1681, 54.2588

Tritanomaly

50.6396, 48.3838, 54.8141

Monochromacy



Original Color

50.5314, 48.3405, 54.2443

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.1513, 48.9242, 53.9192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5314, 48.3405, 54.2443 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(207, 177, 188)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 188)  
}
```

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(207, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.5314, 48.3405, 54.2443 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(207, 177, 188) }
```


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

```
.border{ border-color:rgb(207, 177, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 188);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5314, 48.3405, 54.2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 188) }
```

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

```
.background{ background-color: rgb(207,  
177, 188) }
```

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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