

Converting Colors

XYZ(54.0728, 51.9617, 54.9478)

Have a look what the booklet for
XYZ(54.0728, 51.9617, 54.9478)
contains.

XYZ(54.0349, 51.9449, 54.7554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0349, 51.9449,
54.7554)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B7BC
RGB	215, 183, 188
RGB Percent	84%, 72%, 74%
CMY	0.1569, 0.2823, 0.2627
CMYK	0.00, 0.15, 0.13, 0.16
HSL	351°, 29%, 78%
HSV	351°, 15%, 84%
XYZ	54.0349, 51.9449, 54.7554
YIQ	193.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

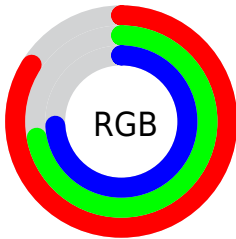
Format	Color
R _Y B	215, 183, 188
Decimal	14137276
CIE Lab	77.25, 12.27, 1.73
CIE LCh	77, 12.395, 8.012
Yxy	51.9449, 0.3362, 0.3232
Android (android.graphics.Color)	4292327356 (0xFFD7B7BC)
YUV	193.1380, -2.5330, 19.1730
Hunter-Lab	72.0728, 7.6988, 5.4070

Details

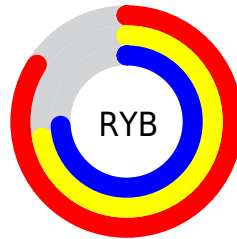
The XYZ color **54.0349, 51.9449, 54.7554** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.4637, 63.3225, 70.2750**, and the grayscale version is **50.7781, 53.4226, 58.1772**.

A 20% lighter version of the original color is **88.4356, 89.5247, 98.2069**, and **26.8530, 25.1881, 26.3682** is the 20% darker color. If you saturate the color by 10%, you get **48.1002, 43.0108, 43.7268**, and if you desaturate by 10%, it is **60.8958, 62.3368, 67.3070**.

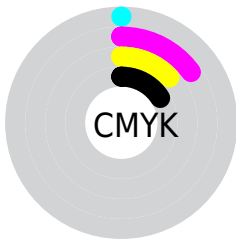
Distribution



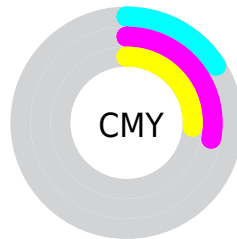
- Red (84%)
- Green (72%)
- Blue (74%)



- Red (84%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0349, 51.9449, 54.7554 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 54.0349, 51.9449, 54.7554 by changing the saturation by 10% instead.


 54.0349, 51.9449,
54.7554

 54.0349, 51.9449,
54.7554


392.4393,
394.2239, 422.2399

 38.8603, 36.9612,
38.8086

 95.2821, 93.0500,
98.6500

 26.8313, 25.1774,
26.3042


122.0854,
119.9401, 127.4350

 17.5825, 16.2093,
16.8236


153.4957,
151.5678, 161.3365

 10.7485, 9.6724,
9.9481

189.8784,
188.3175, 200.7729

 5.9641, 5.1823,
5.2594

231.5987,
230.5735, 246.1630

 2.8637, 2.3546,
2.3389

279.0220,

 1.0821, 0.8024,

278.7203, 297.9251

0.7529

332.5138,
333.1423, 356.4779

■ 0.0101, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0349, 51.9449,
54.7554

■ 54.0349, 51.9449,
54.7554

■ 48.1002, 43.0108,
43.7268

■ 60.8958, 62.3368,
67.3070

■ 43.0476, 35.4625,
34.1599

■ 68.7159, 74.2402,
81.4333

■ 38.8359, 29.2327,
25.9939

■ 77.5318, 87.7150,
97.1876

■ 35.4190, 24.2452,
19.1627

■ 81.8345, 93.1872,
108.2815

■ 32.7461, 20.4165,
13.5945

■ 30.7605, 17.6526,
9.2107

■ 29.3971, 15.8445,
5.9240

■ 28.5777, 14.8600,
3.6340

■ 28.3071, 14.5602,
2.7997

Harmonies

Analogous

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



53.7299, 51.9449, 61.6001



54.0349, 51.9449, 54.7554



53.0592, 51.9449, 48.8794

Triad

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



54.0349, 51.9449, 54.7554



46.6122, 51.9449, 46.8654



47.6814, 51.9449, 69.5775

Complementary

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



54.0349, 51.9449, 54.7554



55.4637, 63.3225, 70.2750

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.



45.8598, 51.9449, 65.0039



54.0349, 51.9449, 54.7554



45.2564, 51.9449, 51.8010

Square

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



54.0349, 51.9449, 54.7554



48.7382, 51.9449, 44.5687



44.9855, 51.9449, 58.4021



50.0114, 51.9449, 70.5277

Rectangle

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



54.0349, 51.9449, 54.7554



51.8316, 51.9449, 46.1733



44.9855, 51.9449, 58.4021



46.9916, 51.9449, 68.3962

Sweetspot

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



54.0364, 51.9472, 54.7565



90.5268, 93.1218, 100.7082



55.6843, 52.4284, 71.4753



19.2000, 19.6638, 21.2351



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.



54.0364, 51.9472, 54.7565



76.4943, 71.8817, 74.9899



55.7908, 56.3033, 52.7297



12.5015, 12.4521, 13.3153



16.9561, 8.7187, 1.8067



1.0481, 0.5360, 0.2426

Inverse Universe

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



54.0364, 51.9472, 54.7565



76.4943, 71.8817, 74.9899



53.4682, 58.3197, 72.7292



12.5015, 12.4521, 13.3153



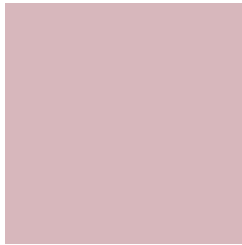
16.9561, 8.7187, 1.8067



1.0481, 0.5360, 0.2426

Previews

White Background



This preview shows how the XYZ color 54.0349, 51.9449, 54.7554 looks on a white background.

Color Contrast Check

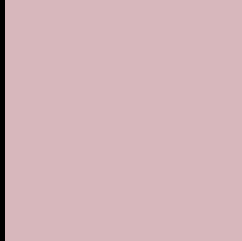
Large Text (above 18pt) WCAG AA × Fail

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 54.0349, 51.9449, 54.7554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

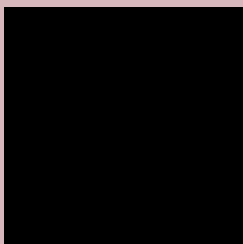
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0349, 51.9449, 54.7554

Background



This preview shows how black text looks on a background with the XYZ color 54.0349, 51.9449, 54.7554.



This preview shows how white text looks on a background with the XYZ color 54.0349, 51.9449,

54.7554.

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

54.0349, 51.9449, 54.7554

Protanopia

50.1760, 52.1020, 57.2813

Deuteranopia

53.2900, 52.1776, 54.8396



Tritanopia

55.0107, 52.0403, 59.3700

Trichromacy



Original Color

54.0349, 51.9449, 54.7554

Protanomaly

51.5314, 51.8588, 56.5840

Deuteranomaly

53.3690, 51.9089, 54.7835

Tritanomaly

54.6725, 51.9051, 57.5892

Monochromacy



Original Color

54.0349, 51.9449, 54.7554

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6890, 52.5743, 56.7138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0349, 51.9449, 54.7554 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(215, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(215, 183, 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(215, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 54.0349, 51.9449, 54.7554 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(215, 183, 188) }
```


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

```
.border{ border-color:rgb(215, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(215, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0349, 51.9449, 54.7554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 183, 188) }
```

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

```
.background{ background-color: rgb(215,  
183, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor