

Converting Colors

XYZ(54.8202, 53.7353, 48.5569)

Have a look what the booklet for
XYZ(54.8202, 53.7353, 48.5569)
contains.

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Color

**XYZ(54.8202, 53.7353,
48.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBBB0
RGB	219, 187, 176
RGB Percent	86%, 73%, 69%
CMY	0.1412, 0.2666, 0.3098
CMYK	0.00, 0.15, 0.20, 0.14
HSL	15°, 37%, 77%
HSV	15°, 20%, 86%
XYZ	54.8202, 53.7353, 48.5569
YIQ	195.3140, 22.6030, 3.3630

Conversions

Conversions Part 2

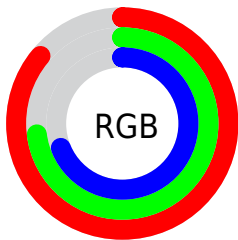
Format	Color
R _Y B	219, 191, 176
Decimal	14400432
CIE Lab	78.31, 9.71, 9.80
CIE LCh	78, 13.791, 45.269
Yxy	53.7353, 0.3489, 0.3420
Android (android.graphics.Color)	4292590512 (0xFFDBBBB0)
YUV	195.3140, -9.5218, 20.7726
Hunter-Lab	73.3044, 5.2074, 12.0393

Details

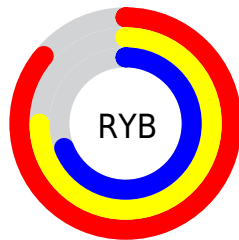
The XYZ color **54.8202, 53.7353, 48.5569** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.2461, 59.4548, 75.6878**, and the grayscale version is **52.1058, 54.8193, 59.6983**.

A 20% lighter version of the original color is **87.8561, 91.1874, 89.3143**, and **27.4730, 26.3979, 22.7161** is the 20% darker color. If you saturate the color by 10%, you get **49.5629, 46.4129, 36.9625**, and if you desaturate by 10%, it is **60.8223, 61.9870, 62.1255**.

Distribution



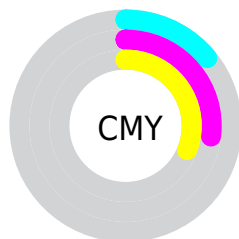
- Red (86%)
- Green (73%)
- Blue (69%)



- Red (86%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8202, 53.7353, 48.5569 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 54.8202, 53.7353, 48.5569 by changing the saturation by 10% instead.


 54.8202, 53.7353,
48.5569

 54.8202, 53.7353,
48.5569

395.3775,
401.0998, 397.5675

 39.4911, 38.3901,
33.9050


 96.4273, 95.6855,
89.4072

 27.3244, 26.2856,
22.5439

123.4360,
123.0592, 116.4426

 17.9548, 17.0374,
14.0549


155.0686,
155.2113, 148.4430

 11.0171, 10.2612,
8.0197

191.6905,
192.5260, 185.8268

 6.1457, 5.5725,
4.0196

233.6669,
235.3879, 229.0126

 2.9754, 2.5869,
1.6361

281.3634,

 1.1408, 0.9201,

284.1812, 278.4190

0.3164

335.1451,
339.2904, 334.4644

■ 0.0588, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8202, 53.7353,
48.5569

■ 54.8202, 53.7353,
48.5569

■ 49.5629, 46.4129,
36.9625

■ 60.8223, 61.9870,
62.1255

■ 45.0163, 39.9798,
27.2463

■ 67.5930, 71.1918,
77.7513

■ 41.1500, 34.4035,
19.3097

■ 75.1602, 81.3818,
95.5165

■ 37.9295, 29.6471,
13.0432

■ 82.1329, 92.0189,
108.0403

■ 35.3173, 25.6704,
8.3255

■ 83.0236, 93.8002,
108.3372

■ 33.2713, 22.4300,
5.0184

■ 31.7436, 19.8776,
2.9587

■ 30.6634, 17.9528,
1.8721

■ 30.6299, 17.8928,
1.8393

Harmonies

Analogous

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



56.2544, 53.7353, 54.6749



54.8202, 53.7353, 48.5569



52.4070, 53.7353, 45.2595

Triad

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



54.8202, 53.7353, 48.5569



46.2096, 53.7353, 54.8041



52.4550, 53.7353, 74.0774

Complementary

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



54.8202, 53.7353, 48.5569



53.2461, 59.4548, 75.6878

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.



49.7634, 53.7353, 74.1198



54.8202, 53.7353, 48.5569



46.2214, 53.7353, 62.5174

Square

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



54.8202, 53.7353, 48.5569



47.4692, 53.7353, 48.6443



47.5021, 53.7353, 69.7348



54.8564, 53.7353, 69.6237

Rectangle

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



54.8202, 53.7353, 48.5569



50.5979, 53.7353, 44.9011



47.5021, 53.7353, 69.7348



51.5526, 53.7353, 74.6202

Sweetspot

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



54.8217, 53.7377, 48.5580



89.1587, 92.0036, 95.2639



56.1552, 50.6778, 66.6585



18.9516, 19.5127, 20.0867



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.



54.8217, 53.7377, 48.5580



73.8691, 70.9739, 60.7273



59.6672, 63.4289, 50.1732



13.3255, 13.5904, 13.6465



18.2369, 10.7593, 1.1156



1.2506, 0.8354, 0.0953

Inverse Universe

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



53.2461, 59.4548, 75.6878



71.2124, 80.5941, 106.4107



48.4086, 49.7799, 74.0753



13.1481, 14.2360, 16.7070



15.4351, 18.7397, 42.5420



1.0676, 1.3493, 2.7786

Previews

White Background



This preview shows how the XYZ color 54.8202, 53.7353, 48.5569 looks on a white background.

Color Contrast Check

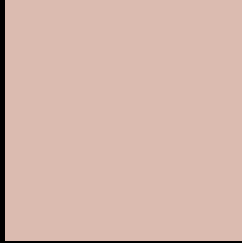
Large Text (above 18pt) WCAG AA × Fail

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 54.8202, 53.7353, 48.5569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

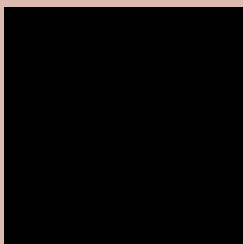
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8202, 53.7353, 48.5569

Background



This preview shows how black text looks on a background with the XYZ color 54.8202, 53.7353, 48.5569.



This preview shows how white text looks on a background with the XYZ color 54.8202, 53.7353,

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

54.8202, 53.7353, 48.5569

Protanopia

51.2940, 53.8121, 50.3311

Deuteranopia

54.8202, 53.7353, 48.5569



Tritanopia

57.4577, 53.8878, 60.7991

Trichromacy



Original Color

54.8202, 53.7353, 48.5569

Protanomaly

52.6791, 53.8859, 49.7440

Deuteranomaly

54.8202, 53.7353, 48.5569

Tritanomaly

56.4620, 53.7878, 56.1214

Monochromacy



Original Color

54.8202, 53.7353, 48.5569

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8286, 54.1675, 55.2480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8202, 53.7353, 48.5569 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(219, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(219, 187, 176)  
}
```

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(219, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 187, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.8202, 53.7353, 48.5569 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(219, 187, 176) }
```


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

```
.border{ border-color:rgb(219, 187, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 187, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 187, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 187, 176);  
box-shadow:4px 4px 4px 4px rgb(219, 187,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8202, 53.7353, 48.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 187, 176) }
```

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

```
.background{ background-color: rgb(219,  
187, 176) }
```

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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