

Converting Colors

XYZ(55.3230, 54.5018, 55.8053)

Have a look what the booklet for
XYZ(55.3230, 54.5018, 55.8053)
contains.

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Color

**XYZ(55.4072, 54.5164,
55.7466)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D7BDBD |
| RGB | 215, 189, 189 |
| RGB Percent | 84%, 74%, 74% |
| CMY | 0.1569, 0.2588, 0.2588 |
| CMYK | 0.00, 0.12, 0.12, 0.16 |
| HSL | 0°, 25%, 79% |
| HSV | 0°, 12%, 84% |
| XYZ | 55.4072, 54.5164, 55.7466 |
| YIQ | 196.7740, 15.4960, 5.5120 |

Conversions

Conversions Part 2

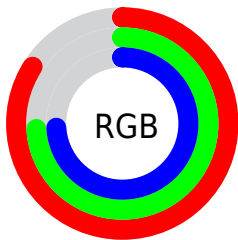
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 189, 189 |
| Decimal | 14138813 |
| CIE Lab | 78.76, 9.23, 3.38 |
| CIE LCh | 79, 9.827, 20.143 |
| Yxy | 54.5164, 0.3344, 0.3291 |
| Android (android.graphics.Color) | 4292328893 (0xFFD7BDBD) |
| YUV | 196.7740, -3.8326, 15.9842 |
| Hunter-Lab | 73.8352, 4.7378, 6.9199 |

Details

The XYZ color **55.4072, 54.5164, 55.7466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5521, 64.3246, 73.6730**, and the grayscale version is **52.9517, 55.7093, 60.6675**.

A 20% lighter version of the original color is **90.3738, 93.1574, 99.6042**, and **27.7453, 26.8595, 27.0146** is the 20% darker color. If you saturate the color by 10%, you get **48.9581, 45.0799, 42.9236**, and if you desaturate by 10%, it is **62.8907, 65.4669, 70.6225**.

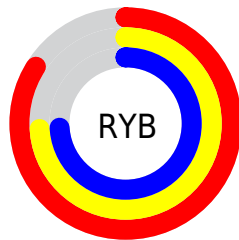
Distribution



Red (84%)

Green (74%)

Blue (74%)



Red (84%)

Yellow (74%)

Blue (74%)

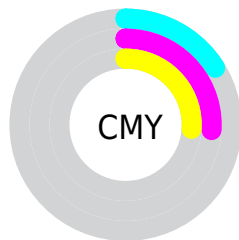


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (16%)



Cyan (16%)

Magenta (26%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4072, 54.5164, 55.7466 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 55.4072, 54.5164, 55.7466 by changing the saturation by 10% instead.


 55.4072, 54.5164,
55.7466

 55.4072, 54.5164,
55.7466


397.5650,
404.0762, 426.0973

 39.9630, 39.0147,
39.5972


 97.2822, 96.8320,
100.1161

 27.6938, 26.7711,
26.9132


124.4436,
124.4147, 129.1732

 18.2342, 17.4014,
17.2762

156.2415,
156.7932, 163.3700

 11.2190, 10.5211,
10.2676

193.0412,
194.3519, 203.1249

 6.2827, 5.7458,
5.4688

235.2080,
237.4751, 248.8566

 3.0600, 2.6911,
2.4614

283.1073,

 1.1856, 0.9727,

286.5473, 300.9835

0.8196

337.1045,
341.9529, 359.9242

■ 0.0949, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4072, 54.5164,
55.7466

■ 55.4072, 54.5164,
55.7466

■ 48.9581, 45.0799,
42.9236

■ 62.8907, 65.4669,
70.6225

■ 43.4936, 37.0839,
32.0602

■ 71.4466, 77.9861,
87.6323

■ 38.9667, 30.4598,
23.0610

■ 81.1162, 92.1351,
106.8566

■ 35.3248, 25.1305,
15.8211

■ 81.8345, 93.1872,
108.2815

■ 32.5099, 21.0114,
10.2256

■ 30.4573, 18.0077,
6.1457

■ 29.0926, 16.0105,
3.4334

■ 28.3266, 14.8895,
1.9113

■ 28.0249, 14.4479,
1.3116

Harmonies

Analogous

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



55.5889, 54.5164, 61.2116



55.4072, 54.5164, 55.7466



54.2501, 54.5164, 51.5109

Triad

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



55.4072, 54.5164, 55.7466



48.9980, 54.5164, 52.7561



51.1786, 54.5164, 70.5493

Complementary

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



55.4072, 54.5164, 55.7466



57.5521, 64.3246, 73.6730

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.



49.4562, 54.5164, 67.9665



55.4072, 54.5164, 55.7466



48.2182, 54.5164, 57.5444

Square

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



55.4072, 54.5164, 55.7466



50.5390, 54.5164, 49.8607



48.3838, 54.5164, 63.1244



53.1148, 54.5164, 69.9931

Rectangle

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



55.4072, 54.5164, 55.7466



53.0969, 54.5164, 49.8444



48.3838, 54.5164, 63.1244



50.5562, 54.5164, 70.0135

Sweetspot

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



55.4087, 54.5188, 55.7478



90.2833, 93.0251, 99.4234



58.4882, 55.7493, 71.9684



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



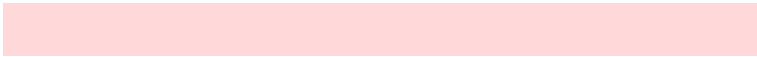
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4087, 54.5188, 55.7478



78.4818, 75.7566, 75.9613



58.3308, 60.3629, 56.7218



12.4235, 12.4211, 12.9034



16.7622, 8.6416, 0.7845



1.0111, 0.5213, 0.0473

Inverse Universe

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



57.5521, 64.3246, 73.6730



82.3492, 93.4498, 108.3051



54.3732, 57.9669, 72.6134



12.7921, 14.1076, 15.9863



21.8662, 31.9942, 43.4762



1.3189, 1.9298, 2.6223

Previews

White Background



This preview shows how the XYZ color 55.4072, 54.5164, 55.7466 looks on a white background.

Color Contrast Check

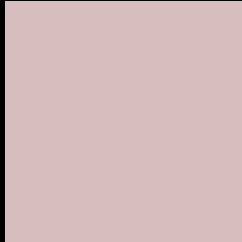
Large Text (above 18pt) WCAG AA × Fail

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 55.4072, 54.5164, 55.7466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

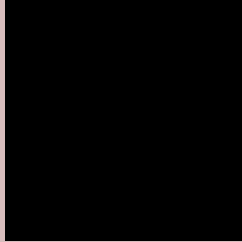
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4072, 54.5164, 55.7466

Background



This preview shows how black text looks on a background with the XYZ color 55.4072, 54.5164, 55.7466.



This preview shows how white text looks on a background with the XYZ color 55.4072, 54.5164,

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

55.4072, 54.5164, 55.7466

Protanopia

52.3594, 54.5315, 57.6352

Deuteranopia

55.7018, 54.6682, 55.7603



Tritanopia

57.0463, 54.5566, 63.4009

Trichromacy



Original Color

55.4072, 54.5164, 55.7466

Protanomaly

53.4304, 54.4400, 56.9821

Deuteranomaly

55.7018, 54.6682, 55.7603

Tritanomaly

56.3802, 54.5966, 60.3900

Monochromacy



Original Color

55.4072, 54.5164, 55.7466

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9312, 55.3160, 58.8735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4072, 54.5164, 55.7466 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, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 189, 189)  
}
```

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, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.4072, 54.5164, 55.7466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

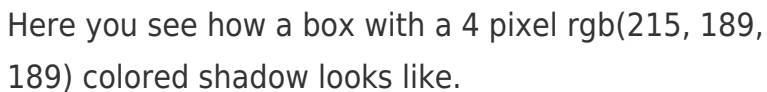
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 189, 189) }
```


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

```
.border{ border-color:rgb(215, 189, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 189, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 189, 189); box-shadow:4px 4px 4px 4px rgb(215, 189, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4072, 54.5164, 55.7466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 189, 189) }
```

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

```
.background{ background-color: rgb(215,  
189, 189) }
```

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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