

Converting Colors

XYZ(55.5182, 54.9516, 56.5259)

Have a look what the booklet for
XYZ(55.5182, 54.9516, 56.5259)
contains.

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Color

**XYZ(55.4393, 54.8408,
56.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BEBE
RGB	214, 190, 190
RGB Percent	84%, 75%, 75%
CMY	0.1608, 0.2549, 0.2549
CMYK	0.00, 0.11, 0.11, 0.16
HSL	0°, 23%, 79%
HSV	0°, 11%, 84%
XYZ	55.4393, 54.8408, 56.3786
YIQ	197.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

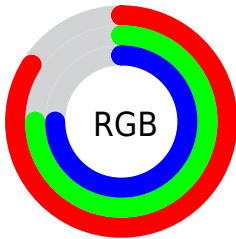
Format	Color
R _Y B	214, 190, 190
Decimal	14073534
CIE Lab	78.95, 8.50, 3.11
CIE LCh	79, 9.047, 20.072
Yxy	54.8408, 0.3327, 0.3291
Android (android.graphics.Color)	4292263614 (0xFFD6BEBE)
YUV	197.1760, -3.5378, 14.7546
Hunter-Lab	74.0546, 4.0345, 6.7000

Details

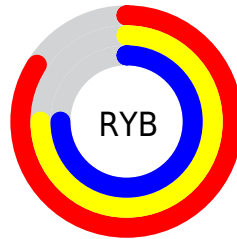
The XYZ color **55.4393, 54.8408, 56.3786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4191, 63.8941, 72.9254**, and the grayscale version is **53.1932, 55.9634, 60.9441**.

A 20% lighter version of the original color is **90.8303, 93.8254, 100.5116**, and **27.7591, 27.0684, 27.4286** is the 20% darker color. If you saturate the color by 10%, you get **48.9711, 45.3764, 43.5177**, and if you desaturate by 10%, it is **62.9343, 65.8081, 71.2775**.

Distribution



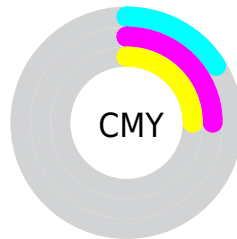
- Red (84%)
- Green (75%)
- Blue (75%)



- Red (84%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4393, 54.8408, 56.3786 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 55.4393, 54.8408, 56.3786 by changing the saturation by 10% instead.


 55.4393, 54.8408,
56.3786

 55.4393, 54.8408,
56.3786


397.6844,
405.3082, 428.5451

 39.9888, 39.2743,
40.1005


 97.3289, 97.3077,
101.0492

 27.7140, 26.9732,
27.3025


124.4986,
124.9768, 130.2789

 18.2495, 17.5531,
17.5661

156.3055,
157.4489, 164.6627

 11.2300, 10.6296,
10.4727

193.1149,
195.1084, 204.6194

 6.2902, 5.8184,
5.6038

235.2921,
238.3397, 250.5675

 3.0647, 2.7349,
2.5409

283.2026,

 1.1881, 0.9950,

287.5272, 302.9254

0.8617

337.2115,
343.0552, 362.1118

■ 0.0969, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4393, 54.8408,
56.3786

■ 55.4393, 54.8408,
56.3786

■ 48.9711, 45.3764,
43.5177

■ 62.9343, 65.8081,
71.2775

■ 43.4808, 37.3426,
32.6028

■ 71.4934, 78.3320,
88.2938

■ 38.9221, 30.6720,
23.5403

■ 81.1573, 92.4726,
107.5069

■ 35.2435, 25.2890,
16.2275

■ 81.5418, 93.0363,
108.2678

■ 32.3881, 21.1107,
10.5515

■ 30.2927, 18.0443,
6.3865

■ 28.8848, 15.9839,
3.5882

■ 28.0777, 14.8027,
1.9846

■ 27.7322, 14.2970,
1.2980

Harmonies

Analogous

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



55.6043, 54.8408, 61.4355



55.4393, 54.8408, 56.3786



54.3748, 54.8408, 52.4376

Triad

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



55.4393, 54.8408, 56.3786



49.5183, 54.8408, 53.5809



51.5308, 54.8408, 70.0047

Complementary

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



55.4393, 54.8408, 56.3786



57.4191, 63.8941, 72.9254

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.



49.9372, 54.8408, 67.6306



55.4393, 54.8408, 56.3786



48.7931, 54.8408, 58.0216

Square

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



55.4393, 54.8408, 56.3786



50.9471, 54.8408, 50.8878



48.9446, 54.8408, 63.1749



53.3200, 54.8408, 69.5022

Rectangle

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



55.4393, 54.8408, 56.3786



53.3117, 54.8408, 50.8802



48.9446, 54.8408, 63.1749



50.9552, 54.8408, 69.5116

Sweetspot

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



55.4408, 54.8432, 56.3798



91.4509, 94.7336, 101.7446



58.2833, 55.9789, 71.3521



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



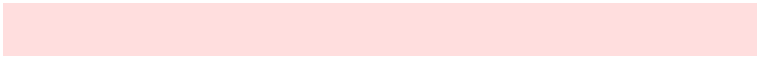
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4408, 54.8432, 56.3798



80.4876, 78.6916, 79.9487



58.1470, 60.2556, 57.2818



12.4235, 12.4211, 12.9034



16.7622, 8.6417, 0.7845



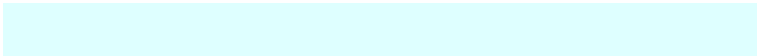
1.0111, 0.5213, 0.0473

Inverse Universe

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



57.4191, 63.8941, 72.9254



83.8866, 94.2425, 108.3771



54.4941, 58.0440, 71.9504



12.7921, 14.1075, 15.9863



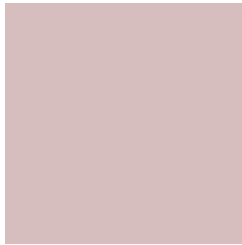
21.8658, 31.9934, 43.4761



1.3189, 1.9298, 2.6223

Previews

White Background



This preview shows how the XYZ color 55.4393, 54.8408, 56.3786 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 55.4393, 54.8408, 56.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

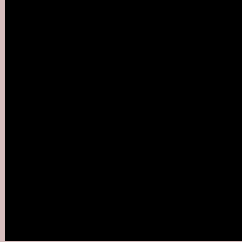
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4393, 54.8408, 56.3786

Background



This preview shows how black text looks on a background with the XYZ color 55.4393, 54.8408, 56.3786.



This preview shows how white text looks on a background with the XYZ color 55.4393, 54.8408,

56.3786.

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

55.4393, 54.8408, 56.3786

Protanopia

52.9602, 55.1598, 58.3077

Deuteranopia

55.8108, 54.7118, 56.3341



Tritanopia

57.0816, 54.8772, 64.0837

Trichromacy



Original Color

55.4393, 54.8408, 56.3786

Protanomaly

53.7612, 54.9248, 57.6372

Deuteranomaly

55.5162, 54.5600, 56.3203

Tritanomaly

56.4150, 54.9195, 61.0532

Monochromacy



Original Color

55.4393, 54.8408, 56.3786

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6580, 55.1751, 58.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4393, 54.8408, 56.3786 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(214, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(214, 190, 190)  
}
```

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(214, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 190, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.4393, 54.8408, 56.3786 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(214, 190, 190) }
```


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

```
.border{ border-color:rgb(214, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(214, 190,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4393, 54.8408, 56.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 190, 190) }
```

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

```
.background{ background-color: rgb(214,  
190, 190) }
```

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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