

Converting Colors

XYZ(55.3892, 52.2404, 60.1332)

Have a look what the booklet for
XYZ(55.3892, 52.2404, 60.1332)
contains.

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Color

**XYZ(55.4213, 52.2388,
59.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B6C5
RGB	217, 182, 197
RGB Percent	85%, 71%, 77%
CMY	0.1490, 0.2863, 0.2274
CMYK	0.00, 0.16, 0.09, 0.15
HSL	334°, 32%, 78%
HSV	334°, 16%, 85%
XYZ	55.4213, 52.2388, 59.9854
YIQ	194.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

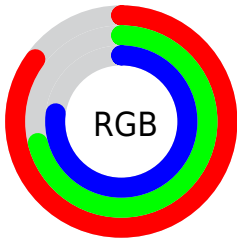
Format	Color
R_{YB}	217, 182, 197
Decimal	14268101
CIE _{Lab}	77.42, 15.03, -2.88
CIE _{LCh}	77, 15.304, 349.152
Yxy	52.2388, 0.3306, 0.3116
Android (android.graphics.Color)	4292458181 (0xFFD9B6C5)
YUV	194.1750, 1.3927, 20.0175
Hunter-Lab	72.2764, 10.3894, 1.3861

Details

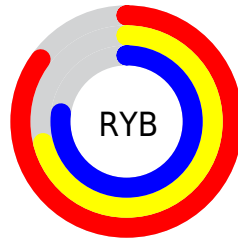
The XYZ color **55.4213, 52.2388, 59.9854** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.7670, 63.8365, 65.3154**, and the grayscale version is **51.3684, 54.0435, 58.8534**.

A 20% lighter version of the original color is **89.7039, 89.5648, 106.3258**, and **27.7085, 25.3651, 29.4222** is the 20% darker color. If you saturate the color by 10%, you get **49.9541, 43.4853, 51.4384**, and if you desaturate by 10%, it is **61.6970, 62.4210, 69.3800**.

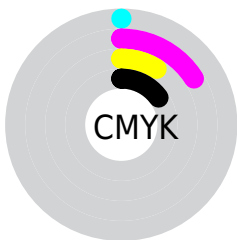
Distribution



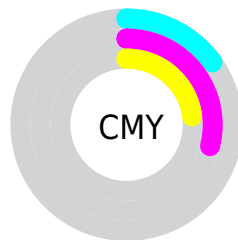
- Red (85%)
- Green (71%)
- Blue (77%)



- Red (85%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4213, 52.2388, 59.9854 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 55.4213, 52.2388, 59.9854 by changing the saturation by 10% instead.


 55.4213, 52.2388,
59.9854

 55.4213, 52.2388,
59.9854


397.6174,
395.3578, 442.3471

 39.9743, 37.1955,
42.9816

 97.3027, 93.4833,
106.3517

 27.7026, 25.3589,
29.5394


124.4678,
120.4533, 136.5512

 18.2409, 16.3446,
19.2402


156.2696,
152.1676, 171.9865

 11.2238, 9.7683,
11.6654

193.0736,
189.0106, 213.0760

 6.2860, 5.2456,
6.3965

235.2450,
231.3667, 260.2383

 3.0621, 2.3921,
3.0150

283.1492,

 1.1867, 0.8218,

279.6204, 313.8918

1.1023

337.1515,
334.1560, 374.4553

■ 0.0958, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4213, 52.2388,
59.9854

■ 55.4213, 52.2388,
59.9854

■ 49.9541, 43.4853,
51.4384

■ 61.6970, 62.4210,
69.3800

■ 45.2566, 36.0891,
43.7103

■ 68.8091, 74.0851,
79.6428

■ 41.2932, 29.9832,
36.7756

■ 76.7895, 87.2902,
90.7982

■ 38.0239, 25.0922,
30.6060

■ 81.1035, 92.9631,
101.3470

■ 35.4042, 21.3326,
25.1711

■ 82.4256, 93.4919,
108.3092

■ 33.3846, 18.6103,
20.4381

■ 31.9075, 16.8157,
16.3706

■ 30.9016, 15.8122,
12.9267

■ 30.5909, 15.5420,
11.7405

Harmonies

Analogous

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



54.0579, 52.2388, 68.1557



55.4213, 52.2388, 59.9854



55.1933, 52.2388, 51.7244

Triad

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



55.4213, 52.2388, 59.9854



47.8173, 52.2388, 42.8974



46.0401, 52.2388, 70.0456

Complementary

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



55.4213, 52.2388, 59.9854



54.7670, 63.8365, 65.3154

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.



44.4935, 52.2388, 62.3656



55.4213, 52.2388, 59.9854



45.4911, 52.2388, 46.9205

Square

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



55.4213, 52.2388, 59.9854



50.7245, 52.2388, 42.3960



44.2966, 52.2388, 53.8821



48.5936, 52.2388, 74.3340

Rectangle

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



55.4213, 52.2388, 59.9854



54.1720, 52.2388, 47.2447



44.2966, 52.2388, 53.8821



45.3896, 52.2388, 67.7417

Sweetspot

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



55.4228, 52.2411, 59.9865



89.9654, 91.6727, 101.5270



53.5663, 51.0015, 72.6675



19.1087, 19.3807, 21.5147



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.



55.4228, 52.2411, 59.9865



77.3521, 71.2312, 82.5706



54.2705, 52.5511, 51.5417



13.2865, 13.1437, 14.7699



18.5685, 9.4284, 7.3735



1.2455, 0.6279, 0.7020

Inverse Universe

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



55.4228, 52.2411, 59.9865



77.3521, 71.2312, 82.5706



56.0331, 63.3875, 74.9282



13.2865, 13.1437, 14.7699



18.5685, 9.4284, 7.3735



1.2455, 0.6279, 0.7020

Previews

White Background



This preview shows how the XYZ color 55.4213, 52.2388, 59.9854 looks on a white background.

Color Contrast Check

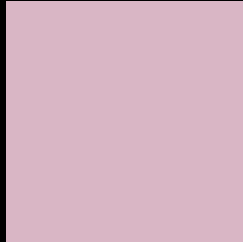
Large Text (above 18pt) WCAG AA × Fail

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 55.4213, 52.2388, 59.9854 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 55.4213, 52.2388, 59.9854

Background



This preview shows how black text looks on a background with the XYZ color 55.4213, 52.2388, 59.9854.



This preview shows how white text looks on a background with the XYZ color 55.4213, 52.2388,

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

55.4213, 52.2388, 59.9854

Protanopia

50.8124, 52.2976, 63.2935

Deuteranopia

53.5351, 52.5132, 59.5390



Tritanopia

55.3070, 52.1931, 59.3838

Trichromacy



Original Color

55.4213, 52.2388, 59.9854

Protanomaly

52.2830, 52.1283, 61.9497

Deuteranomaly

54.1767, 52.5323, 59.5089

Tritanomaly

55.3070, 52.1931, 59.3838

Monochromacy



Original Color

55.4213, 52.2388, 59.9854

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.6209, 53.3236, 59.1488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4213, 52.2388, 59.9854 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(217, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 197)  
}
```

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(217, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.4213, 52.2388, 59.9854 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(217, 182, 197) }
```


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

```
.border{ border-color:rgb(217, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4213, 52.2388, 59.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 197) }
```

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

```
.background{ background-color: rgb(217,  
182, 197) }
```

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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