

Converting Colors

XYZ(55.7011, 52.0933, 59.3438)

Have a look what the booklet for
XYZ(55.7011, 52.0933, 59.3438)
contains.

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Color

**XYZ(55.7011, 52.0933,
59.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB5C4
RGB	219, 181, 196
RGB Percent	86%, 71%, 77%
CMY	0.1412, 0.2902, 0.2314
CMYK	0.00, 0.17, 0.11, 0.14
HSL	336°, 35%, 78%
HSV	336°, 17%, 86%
XYZ	55.7011, 52.0933, 59.3438
YIQ	194.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

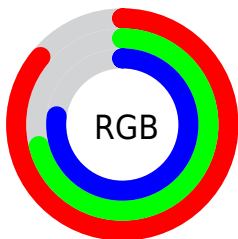
Format	Color
R _Y B	219, 181, 196
Decimal	14398916
CIE Lab	77.34, 16.11, -2.44
CIE LCh	77, 16.291, 351.374
Yxy	52.0933, 0.3333, 0.3117
Android (android.graphics.Color)	4292588996 (0xFFDDBB5C4)
YUV	194.0720, 0.9505, 21.8619
Hunter-Lab	72.1757, 11.4487, 1.7740

Details

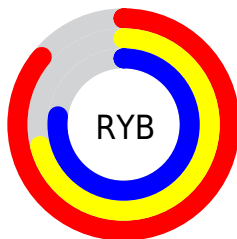
The XYZ color **55.7011, 52.0933, 59.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.2887, 64.8478, 66.7327**, and the grayscale version is **51.3091, 53.9812, 58.7855**.

A 20% lighter version of the original color is **89.2538, 88.9202, 105.3876**, and **27.9115, 25.2839, 29.0004** is the 20% darker color. If you saturate the color by 10%, you get **50.1506, 43.3009, 50.3752**, and if you desaturate by 10%, it is **62.0879, 62.3436, 69.2502**.

Distribution



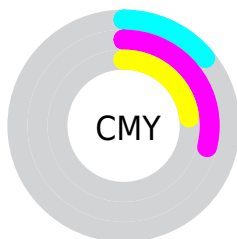
- Red (86%)
- Green (71%)
- Blue (77%)



- Red (86%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7011, 52.0933, 59.3438 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 55.7011, 52.0933, 59.3438 by changing the saturation by 10% instead.


 55.7011, 52.0933,
59.3438

 55.7011, 52.0933,
59.3438


398.6574,
394.7967, 439.9121

 40.1994, 37.0794,
42.4681


 97.7098, 93.2688,
105.4112

 27.8789, 25.2690,
29.1397

124.9474,
120.1993, 135.4400

 18.3744, 16.2776,
18.9400


156.8278,
151.8707, 170.6902

 11.3204, 9.7208,
11.4506

193.7162,
188.6676, 211.5805

 6.3517, 5.2142,
6.2528

235.9780,
230.9742, 258.5292

 3.1028, 2.3735,
2.9281

283.9786,

 1.2083, 0.8122,

279.1750, 311.9551

1.0581

338.0833,
333.6544, 372.2765

■ 0.1129, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7011, 52.0933,
59.3438

■ 55.7011, 52.0933,
59.3438

■ 50.1506, 43.3009,
50.3752

■ 62.0879, 62.3436,
69.2502

■ 45.3959, 35.8928,
42.3121

■ 69.3402, 74.1070,
80.1188

■ 41.3996, 29.7995,
35.1252

■ 77.4915, 87.4445,
91.9769

■ 38.1197, 24.9426,
28.7818

■ 82.0769, 93.4215,
103.3515

■ 35.5096, 21.2353,
23.2473

■ 83.0237, 93.8002,
108.3372

■ 33.5168, 18.5795,
18.4837

■ 32.0805, 16.8602,
14.4494

■ 31.1200, 15.9235,
11.0946

■ 30.9110, 15.7391,
10.3050

Harmonies

Analogous

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



54.3623, 52.0933, 68.1675



55.7011, 52.0933, 59.3438



55.3281, 52.0933, 50.6715

Triad

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



55.7011, 52.0933, 59.3438



47.3532, 52.0933, 42.1443



45.8526, 52.0933, 71.2706

Complementary

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



55.7011, 52.0933, 59.3438



55.2887, 64.8478, 66.7327

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.



44.1206, 52.0933, 63.2332



55.7011, 52.0933, 59.3438



44.9612, 52.0933, 46.6330

Square

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



55.7011, 52.0933, 59.3438



50.4207, 52.0933, 41.3375



43.8013, 52.0933, 54.1762



48.6165, 52.0933, 75.5132

Rectangle

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



55.7011, 52.0933, 59.3438



54.1652, 52.0933, 46.0798



43.8013, 52.0933, 54.1762



45.1353, 52.0933, 68.8853

Sweetspot

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



55.7026, 52.0956, 59.3449



89.8987, 91.6460, 101.1754



54.1590, 50.9738, 74.0030



19.0925, 19.3742, 21.4293



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.



55.7026, 52.0956, 59.3449



75.4951, 68.5488, 78.7712



54.8629, 53.0129, 51.0597



13.2678, 13.1362, 14.6715



18.3790, 9.3526, 6.3756



1.2323, 0.6226, 0.6325

Inverse Universe

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



55.7026, 52.0956, 59.3449



75.4951, 68.5488, 78.7712



56.1953, 63.6424, 76.3410



13.2678, 13.1362, 14.6715



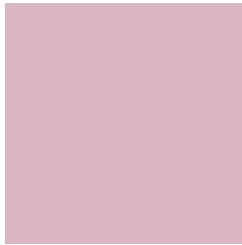
18.3790, 9.3526, 6.3756



1.2323, 0.6226, 0.6325

Previews

White Background



This preview shows how the XYZ color 55.7011, 52.0933, 59.3438 looks on a white background.

Color Contrast Check

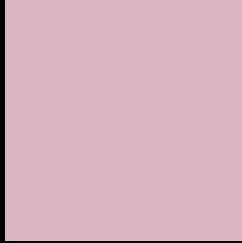
Large Text (above 18pt) WCAG AA × Fail

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 55.7011, 52.0933, 59.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

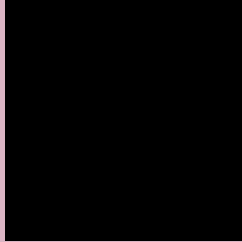
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7011, 52.0933, 59.3438

Background



This preview shows how black text looks on a background with the XYZ color 55.7011, 52.0933, 59.3438.



This preview shows how white text looks on a background with the XYZ color 55.7011, 52.0933,

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

55.7011, 52.0933, 59.3438

Protanopia

50.6943, 52.2504, 62.6718

Deuteranopia

53.2117, 52.0480, 58.8715



Tritanopia

55.5876, 52.0479, 58.7462

Trichromacy



Original Color

55.7011, 52.0933, 59.3438

Protanomaly

52.4362, 52.2207, 61.3488

Deuteranomaly

54.1422, 52.2182, 58.8553

Tritanomaly

55.5876, 52.0479, 58.7462

Monochromacy



Original Color

55.7011, 52.0933, 59.3438

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.6765, 53.0318, 59.0896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7011, 52.0933, 59.3438 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, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 196)  
}
```

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, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.7011, 52.0933, 59.3438 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, 181, 196) }
```


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

```
.border{ border-color:rgb(219, 181, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(219, 181,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7011, 52.0933, 59.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 196) }
```

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

```
.background{ background-color: rgb(219,  
181, 196) }
```

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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