

Converting Colors

XYZ(56.0662, 53.1253, 58.7624)

Have a look what the booklet for
XYZ(56.0662, 53.1253, 58.7624)
contains.

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Color

**XYZ(56.2042, 53.2812,
58.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB8C3
RGB	219, 184, 195
RGB Percent	86%, 72%, 76%
CMY	0.1412, 0.2784, 0.2353
CMYK	0.00, 0.16, 0.11, 0.14
HSL	341°, 33%, 79%
HSV	341°, 16%, 86%
XYZ	56.2042, 53.2812, 58.9518
YIQ	195.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

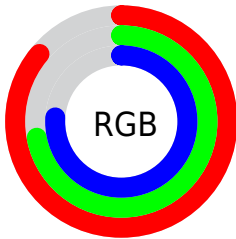
Format	Color
R_{YB}	219, 184, 195
Decimal	14399683
CIE _{Lab}	78.04, 14.33, -0.87
CIE _{LCh}	78, 14.354, 356.530
Yxy	53.2812, 0.3337, 0.3163
Android (android.graphics.Color)	4292589763 (0xFFDDBB8C3)
YUV	195.7190, -0.3545, 20.4174
Hunter-Lab	72.9940, 9.7027, 3.2117

Details

The XYZ color **56.2042, 53.2812, 58.9518** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.4859, 65.4087, 69.3256**, and the grayscale version is **52.2971, 55.0206, 59.9174**.

A 20% lighter version of the original color is **89.9708, 90.6085, 104.8427**, and **28.2339, 26.0482, 28.7390** is the 20% darker color. If you saturate the color by 10%, you get **50.3890, 44.2325, 49.0526**, and if you desaturate by 10%, it is **62.8975, 63.8114, 69.9877**.

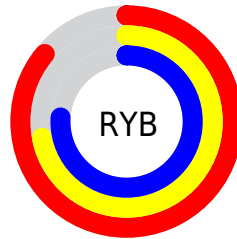
Distribution



Red (86%)

Green (72%)

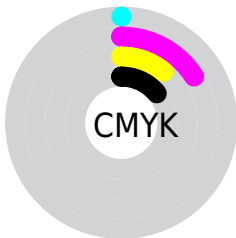
Blue (76%)



Red (86%)

Yellow (72%)

Blue (76%)

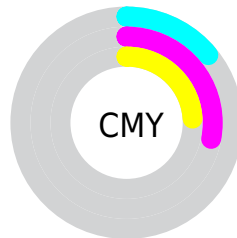


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2042, 53.2812, 58.9518 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 56.2042, 53.2812, 58.9518 by changing the saturation by 10% instead.

■ 56.2042, 53.2812,
58.9518

■ 56.2042, 53.2812,
58.9518

400.5232,
399.3630, 438.4202

■ 40.6043, 38.0273,
42.1546

■ 98.4412, 95.0180,
104.8360

■ 28.1963, 26.0039,
28.8959

125.8089,
122.2697, 134.7601

■ 18.6149, 16.8265,
18.7572

157.8300,
154.2895, 169.8969

■ 11.4947, 10.1109,
11.3199

194.8699,
191.4617, 210.6649

■ 6.4704, 5.4725,
6.1656

237.2937,
234.1708, 257.4827

■ 3.1765, 2.5271,
2.8756

285.4670,

■ 1.2478, 0.8902,

282.8011, 310.7688

1.0315

339.7550,
337.7371, 370.9418

■ 0.1436, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2042, 53.2812,
58.9518

■ 56.2042, 53.2812,
58.9518

■ 50.3890, 44.2325,
49.0526

■ 62.8975, 63.8114,
69.9877

■ 45.4100, 36.5917,
40.2495

■ 70.4995, 75.8784,
82.1923

■ 41.2286, 30.2893,
32.5043

■ 79.0446, 89.5432,
95.6005

■ 37.8015, 25.2472,
25.7752

■ 83.0236, 93.8002,
108.3372

■ 35.0808, 21.3793,
20.0174

■ 33.0129, 18.5881,
15.1825

■ 31.5359, 16.7608,
11.2168

■ 30.5741, 15.7573,
8.0599

■ 30.2820, 15.4875,
6.9931

Harmonies

Analogous

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



55.2638, 53.2812, 66.9331



56.2042, 53.2812, 58.9518



55.6096, 53.2812, 51.4008

Triad

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



56.2042, 53.2812, 58.9518



48.2770, 53.2812, 45.2921



47.7327, 53.2812, 71.8391

Complementary

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



56.2042, 53.2812, 58.9518



56.4859, 65.4087, 69.3256

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.



45.9797, 53.2812, 65.1718



56.2042, 53.2812, 58.9518



46.2857, 53.2812, 49.9250

Square

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



56.2042, 53.2812, 58.9518



50.9685, 53.2812, 43.9539



45.4598, 53.2812, 57.0865



50.3172, 53.2812, 74.7924

Rectangle

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



56.2042, 53.2812, 58.9518



54.4343, 53.2812, 47.5355



45.4598, 53.2812, 57.0865



47.0304, 53.2812, 69.9296

Sweetspot

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



56.2057, 53.2836, 58.9529



89.7405, 91.5828, 100.3425



55.9175, 52.7958, 74.2618



19.0541, 19.3588, 21.2273



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.



56.2057, 53.2836, 58.9529



76.5984, 70.9297, 78.6018



56.3707, 55.5307, 53.0978



13.2237, 13.1186, 14.4395



17.9995, 9.2008, 4.3772



1.2044, 0.6114, 0.4852

Inverse Universe

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



56.2057, 53.2836, 58.9529



76.5984, 70.9297, 78.6018



56.2447, 62.6855, 76.1534



13.2237, 13.1186, 14.4395



17.9995, 9.2008, 4.3772



1.2044, 0.6114, 0.4852

Previews

White Background



This preview shows how the XYZ color 56.2042, 53.2812, 58.9518 looks on a white background.

Color Contrast Check

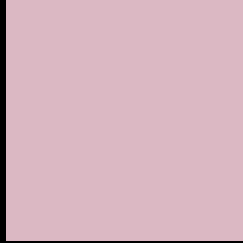
Large Text (above 18pt) WCAG AA × Fail

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 56.2042, 53.2812, 58.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

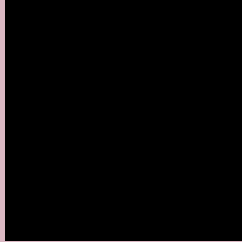
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2042, 53.2812, 58.9518

Background



This preview shows how black text looks on a background with the XYZ color 56.2042, 53.2812, 58.9518.



This preview shows how white text looks on a background with the XYZ color 56.2042, 53.2812,

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

56.2042, 53.2812, 58.9518

Protanopia

51.7806, 53.4715, 62.2355

Deuteranopia

54.3719, 53.2846, 58.4582



Tritanopia

56.5469, 53.4183, 60.7565

Trichromacy



Original Color

56.2042, 53.2812, 58.9518

Protanomaly

53.2925, 53.3098, 60.9071

Deuteranomaly

55.0281, 53.3090, 58.4283

Tritanomaly

56.4320, 53.3723, 60.1509

Monochromacy



Original Color

56.2042, 53.2812, 58.9518

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.7153, 54.5222, 59.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2042, 53.2812, 58.9518 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, 184, 195) looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 195)  
}
```

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, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.2042, 53.2812, 58.9518 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, 184, 195) }
```


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

```
.border{ border-color:rgb(219, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2042, 53.2812, 58.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 195) }
```

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

```
.background{ background-color: rgb(219,  
184, 195) }
```

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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