

Converting Colors

XYZ(58.3402, 56.3814, 63.1935)

Have a look what the booklet for
XYZ(58.3402, 56.3814, 63.1935)
contains.

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Color

**XYZ(58.3868, 56.5387,
63.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBFC9
RGB	219, 191, 201
RGB Percent	86%, 75%, 79%
CMY	0.1412, 0.2510, 0.2118
CMYK	0.00, 0.13, 0.08, 0.14
HSL	339°, 28%, 80%
HSV	339°, 13%, 86%
XYZ	58.3868, 56.5387, 63.0941
YIQ	200.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

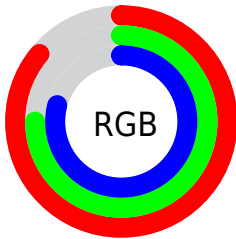
Format	Color
R _Y B	219, 191, 201
Decimal	14401481
CIE Lab	79.92, 11.59, -1.36
CIE LCh	80, 11.673, 353.301
Yxy	56.5387, 0.3280, 0.3176
Android (android.graphics.Color)	4292591561 (0xFFDDBFC9)
YUV	200.5120, 0.2406, 16.2140
Hunter-Lab	75.1922, 7.0190, 2.8841

Details

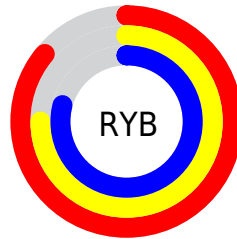
The XYZ color **58.3868, 56.5387, 63.0941** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3281, 66.3442, 70.0562**, and the grayscale version is **55.2095, 58.0847, 63.2542**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.6648, 28.1761, 31.4788** is the 20% darker color. If you saturate the color by 10%, you get **52.3824, 47.0597, 53.2919**, and if you desaturate by 10%, it is **65.2604, 67.5116, 73.9365**.

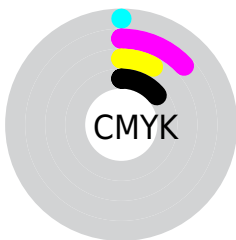
Distribution



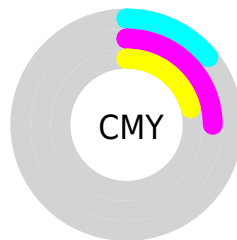
- Red (86%)
- Green (75%)
- Blue (79%)



- Red (86%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3868, 56.5387, 63.0941 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 58.3868, 56.5387, 63.0941 by changing the saturation by 10% instead.


 58.3868, 56.5387,
63.0941

 58.3868, 56.5387,
63.0941

408.5564,
411.7185, 454.0283

 42.3642, 40.6350,
45.4759


 101.6056, 99.7918,
110.8921

 29.5789, 28.0340,
31.4867


129.5326,
127.9099, 141.9090

 19.6657, 18.3513,
20.7082

162.1583,
160.8684, 178.2292

 12.2591, 11.2025,
12.7217

199.8482,
199.0515, 220.2712

 6.9938, 6.2032,
7.1087

242.9676,
242.8437, 268.4535

 3.5045, 2.9690,
3.4507

291.8818,

 1.4259, 1.1156,

292.6293, 323.1948

1.3291

346.9563,
348.7928, 384.9135

■ 0.2745, 0.0000,
0.0855

■ 0.0000, 0.0000,
0.0000

■ 58.3868, 56.5387,
63.0941

■ 58.3868, 56.5387,
63.0941

■ 52.3824, 47.0597,
53.2919

■ 65.2604, 67.5116,
73.9365

■ 47.2067, 39.0024,
44.4944

■ 73.0319, 80.0317,
85.8461

■ 42.8232, 32.2996,
36.6692

■ 81.1880, 93.0660,
98.6708

■ 39.1905, 26.8759,
29.7807

■ 83.0237, 93.8002,
108.3372

■ 36.2634, 22.6482,
23.7908

■ 33.9916, 19.5237,
18.6585

■ 32.3175, 17.3956,
14.3390

■ 31.1724, 16.1356,
10.7819

■ 30.5959, 15.6131,
8.6457

Harmonies

Analogous

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



57.4710, 56.5387, 69.6843



58.3868, 56.5387, 63.0941



58.0280, 56.5387, 56.5472

Triad

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



58.3868, 56.5387, 63.0941



51.9579, 56.5387, 50.3482



51.0639, 56.5387, 72.6154

Complementary

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



58.3868, 56.5387, 63.0941



58.3281, 66.3442, 70.0562

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.



49.6655, 56.5387, 66.8628



58.3868, 56.5387, 63.0941



50.1709, 56.5387, 54.0950

Square

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



58.3868, 56.5387, 63.0941



54.2710, 56.5387, 49.5009



49.3434, 56.5387, 60.0530



53.2092, 56.5387, 75.4362

Rectangle

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



58.3868, 56.5387, 63.0941



57.1193, 56.5387, 53.0467



49.3434, 56.5387, 60.0530



50.4935, 56.5387, 70.9410

Sweetspot

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



58.3884, 56.5412, 63.0953



90.8439, 93.2486, 102.3777



57.6380, 55.8952, 74.7695



19.2800, 19.6958, 21.6564



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.



58.3884, 56.5412, 63.0953



80.3287, 76.4930, 85.6942



58.0747, 57.7349, 57.3763



13.2471, 13.1280, 14.5627



18.1893, 9.2768, 5.3770



1.2187, 0.6171, 0.5605

Inverse Universe

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



58.3884, 56.5412, 63.0953



80.3287, 76.4930, 85.6942



58.6423, 64.9291, 76.4603



13.2471, 13.1280, 14.5627



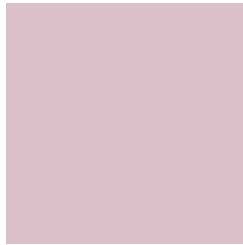
18.1893, 9.2768, 5.3770



1.2187, 0.6171, 0.5605

Previews

White Background



This preview shows how the XYZ color 58.3868, 56.5387, 63.0941 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 58.3868, 56.5387, 63.0941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

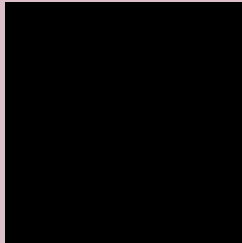
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3868, 56.5387, 63.0941

Background



This preview shows how black text looks on a background with the XYZ color 58.3868, 56.5387, 63.0941.



This preview shows how white text looks on a background with the XYZ color 58.3868, 56.5387,

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

58.3868, 56.5387, 63.0941

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

58.9481, 56.4503, 65.5467

Trichromacy



Original Color

58.3868, 56.5387, 63.0941

Protanomaly

56.1463, 56.6552, 65.1031

Deuteranomaly

58.0075, 56.6680, 63.1390

Tritanomaly

58.8277, 56.4022, 64.9129

Monochromacy



Original Color

58.3868, 56.5387, 63.0941

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5213, 57.5594, 63.3894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3868, 56.5387, 63.0941 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, 191, 201) looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 201)  
}
```

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, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.3868, 56.5387, 63.0941 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, 191, 201) }
```


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

```
.border{ border-color:rgb(219, 191, 201) }
```

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

Here you see how a box with a 4 pixel rgb(219, 191, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3868, 56.5387, 63.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 201) }
```

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

```
.background{ background-color: rgb(219,  
191, 201) }
```

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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