

Converting Colors

XYZ(58.8350, 55.9071, 67.3955)

Have a look what the booklet for
XYZ(58.8350, 55.9071, 67.3955)
contains.

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Color

**XYZ(58.7962, 56.0093,
67.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBDD0
RGB	219, 189, 208
RGB Percent	86%, 74%, 82%
CMY	0.1412, 0.2588, 0.1843
CMYK	0.00, 0.14, 0.05, 0.14
HSL	322°, 29%, 80%
HSV	322°, 14%, 86%
XYZ	58.7962, 56.0093, 67.3865
YIQ	200.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

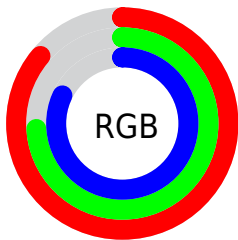
Format	Color
R _Y B	219, 189, 208
Decimal	14400976
CIE Lab	79.62, 13.88, -5.58
CIE LCh	80, 14.958, 338.105
Yxy	56.0093, 0.3227, 0.3074
Android (android.graphics.Color)	4292591056 (0xFFDBBDD0)
YUV	200.1360, 3.8770, 16.5437
Hunter-Lab	74.8394, 9.2664, -0.9981

Details

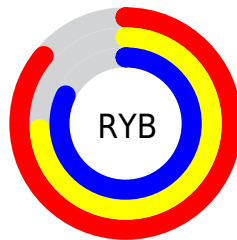
The XYZ color **58.7962, 56.0093, 67.3865** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.7453, 65.6536, 64.3283**, and the grayscale version is **54.9566, 57.8186, 62.9645**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **29.9467, 27.8339, 34.3660** is the 20% darker color. If you saturate the color by 10%, you get **53.4736, 46.9049, 60.8605**, and if you desaturate by 10%, it is **64.8834, 66.5612, 74.4156**.

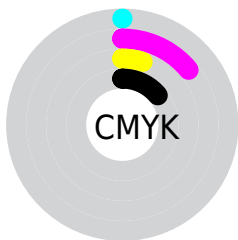
Distribution



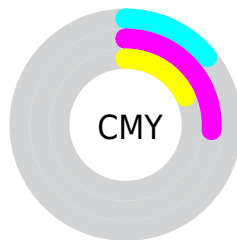
- Red (86%)
- Green (74%)
- Blue (82%)



- Red (86%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7962, 56.0093, 67.3865 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 58.7962, 56.0093, 67.3865 by changing the saturation by 10% instead.

■ 58.7962, 56.0093,
67.3865

■ 58.7962, 56.0093,
67.3865

410.0524,
409.7265, 469.8582

■ 42.6948, 40.2104,
48.9352

■ 102.1977, 99.0182,
117.1200

■ 29.8392, 27.7026,
34.2029

130.2286,
126.9969, 149.2392

■ 19.8640, 18.1016,
22.7709

162.9666,
159.8044, 186.7515

■ 12.4039, 11.0230,
14.2207

200.7773,
197.8250, 230.0755

■ 7.0936, 6.0823,
8.1338

244.0258,
241.4431, 279.6296

■ 3.5675, 2.8952,
4.0917

293.0776,

■ 1.4605, 1.0773,

291.0432, 335.8324

1.6758

348.2980,
347.0095, 399.1024

■ 0.2987, 0.0000,
0.3441

■ 0.0000, 0.0000,
0.0000

■ 58.7962, 56.0093,
67.3865

■ 58.7962, 56.0093,
67.3865

■ 53.4736, 46.9049,
60.8605

■ 64.8834, 66.5612,
74.4156

■ 48.8782, 39.1768,
54.8195

■ 71.7608, 78.6132,
81.9578

■ 44.9767, 32.7587,
49.2494

■ 79.4588, 92.2240,
90.0274

■ 41.7312, 27.5761,
44.1337

■ 80.7207, 92.8790,
96.2090

■ 39.0998, 23.5467,
39.4547

■ 81.9414, 93.3673,
102.6374

■ 37.0360, 20.5782,
35.1928

■ 83.0238, 93.8003,
108.3372

■ 35.4856, 18.5641,
31.3259

■ 34.3834, 17.3752,
27.8281

■ 33.8514, 16.9153,
25.7885

Harmonies

Analogous

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



56.8926, 56.0093, 75.0011



58.7962, 56.0093, 67.3865



59.1819, 56.0093, 58.6742

Triad

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



58.7962, 56.0093, 67.3865



52.4222, 56.0093, 45.9830



48.8034, 56.0093, 71.8123

Complementary

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



58.7962, 56.0093, 67.3865



56.7453, 65.6536, 64.3283

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.



47.7007, 56.0093, 63.3549



58.7962, 56.0093, 67.3865



49.7380, 56.0093, 48.8332

Square

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



58.7962, 56.0093, 67.3865



55.4259, 56.0093, 46.8429



48.0363, 56.0093, 55.0016



51.1029, 56.0093, 77.7195

Rectangle

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



58.7962, 56.0093, 67.3865



58.5132, 56.0093, 53.4944



48.0363, 56.0093, 55.0016



48.2845, 56.0093, 69.1432

Sweetspot

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



58.7978, 56.0118, 67.3877



91.2855, 93.4253, 104.7030



54.8054, 53.7918, 74.5131



19.3917, 19.7405, 22.2446



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.



58.7978, 56.0118, 67.3877



81.0711, 75.7480, 92.8156



57.0386, 55.3081, 58.1240



13.4013, 13.1896, 15.3743



20.1264, 10.0516, 15.5776



1.3448, 0.6676, 1.2248

Inverse Universe

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



58.7978, 56.0118, 67.3877



81.0711, 75.7480, 92.8156



58.5854, 66.3896, 74.0179



13.4013, 13.1896, 15.3743



20.1264, 10.0516, 15.5776



1.3448, 0.6676, 1.2248

Previews

White Background



This preview shows how the XYZ color 58.7962, 56.0093, 67.3865 looks on a white background.

Color Contrast Check

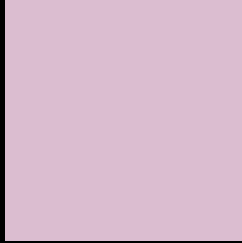
Large Text (above 18pt) WCAG AA × Fail

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 58.7962, 56.0093, 67.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

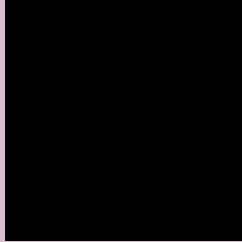
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7962, 56.0093, 67.3865

Background



This preview shows how black text looks on a background with the XYZ color 58.7962, 56.0093, 67.3865.



This preview shows how white text looks on a background with the XYZ color 58.7962, 56.0093,

67.3865.

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

58.7962, 56.0093, 67.3865

Protanopia

54.6496, 56.1036, 70.2361

Deuteranopia

57.2635, 56.2013, 66.8613



Tritanopia

58.5260, 56.2466, 64.8988

Trichromacy



Original Color

58.7962, 56.0093, 67.3865

Protanomaly

56.0047, 55.8222, 69.4510

Deuteranomaly

57.9176, 56.2137, 66.8292

Tritanomaly

58.6463, 56.2948, 65.5326

Monochromacy



Original Color

58.7962, 56.0093, 67.3865

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.2515, 57.0571, 64.5482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7962, 56.0093, 67.3865 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, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 208)  
}
```

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, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.7962, 56.0093, 67.3865 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, 189, 208) }
```


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

```
.border{ border-color:rgb(219, 189, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7962, 56.0093, 67.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 208) }
```

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

```
.background{ background-color: rgb(219,  
189, 208) }
```

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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