

Converting Colors

XYZ(58.6500, 56.7849, 71.7519)

Have a look what the booklet for
XYZ(58.6500, 56.7849, 71.7519)
contains.

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Color

**XYZ(58.7188, 56.8505,
71.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C0D6
RGB	214, 192, 214
RGB Percent	84%, 75%, 84%
CMY	0.1608, 0.2470, 0.1608
CMYK	0.00, 0.10, 0.00, 0.16
HSL	300°, 21%, 80%
HSV	300°, 10%, 84%
XYZ	58.7188, 56.8505, 71.4967
YIQ	201.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

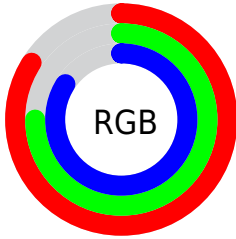
Format	Color
R _Y B	214, 192, 214
Decimal	14074070
CIE Lab	80.10, 11.64, -8.15
CIE LCh	80, 14.211, 324.986
Yxy	56.8505, 0.3139, 0.3039
Android (android.graphics.Color)	4292264150 (0xFFD6C0D6)
YUV	201.0860, 6.3666, 11.3256
Hunter-Lab	75.3993, 7.0620, -3.4417

Details

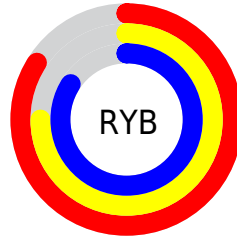
The XYZ color **58.7188, 56.8505, 71.4967** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3015, 63.1070, 59.1384**, and the grayscale version is **55.5312, 58.4232, 63.6229**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.7887, 28.3394, 36.7009** is the 20% darker color. If you saturate the color by 10%, you get **54.3581, 48.1282, 70.0437**, and if you desaturate by 10%, it is **63.7660, 66.9441, 73.1799**.

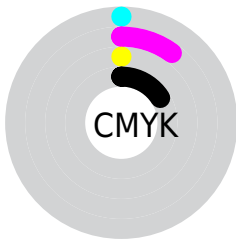
Distribution



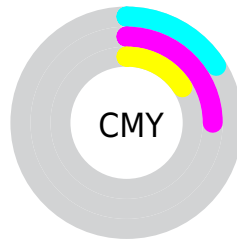
- Red (84%)
- Green (75%)
- Blue (84%)



- Red (84%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7188, 56.8505, 71.4967 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 58.7188, 56.8505, 71.4967 by changing the saturation by 10% instead.

■ 58.7188, 56.8505,
71.4967

■ 58.7188, 56.8505,
71.4967

409.7699,
412.8889, 484.7183

■ 42.6323, 40.8852,
52.2633

■ 102.0858,
100.2470, 123.0418

■ 29.7900, 28.2294,
36.8313

130.0971,
128.4470, 156.1905

■ 19.8265, 18.4987,
24.7822

162.8139,
161.4941, 194.8148

■ 12.3765, 11.3086,
15.6973

200.6017,
199.7726, 239.3332

■ 7.0747, 6.2748,
9.1582

243.8259,
243.6670, 290.1642

■ 3.5556, 3.0129,
4.7463

292.8517,

■ 1.4539, 1.1385,

293.5615, 347.7263

2.0431

348.0446,
349.8407, 412.4382

■ 0.2942, 0.0106,
0.5816

■ 0.0000, 0.0000,
0.0000

■ 58.7188, 56.8505,
71.4967

■ 58.7188, 56.8505,
71.4967

■ 54.3581, 48.1282,
70.0437

■ 63.7660, 66.9441,
73.1799

■ 50.6495, 40.7112,
68.8074

■ 69.5224, 78.4567,
75.0988

■ 47.5633, 34.5389,
67.7785

■ 75.6298, 90.6715,
77.1348

■ 45.0654, 29.5431,
66.9457

■ 75.6298, 90.6715,
77.1349

43.1184, 25.6491,
66.2966

75.6298, 90.6715,
77.1351

41.6807, 22.7737,
65.8172

75.6299, 90.6715,
77.1352

40.7047, 20.8218,
65.4918

75.6299, 90.6715,
77.1353

40.1341, 19.6805,
65.3014

75.6299, 90.6715,
77.1355

39.8695, 19.1514,
65.2131

75.6300, 90.6715,
77.1356

Harmonies

Analogous

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



56.4180, 56.8505, 77.4891



58.7188, 56.8505, 71.4967



59.7664, 56.8505, 63.3031

Triad

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



58.7188, 56.8505, 71.4967



54.5223, 56.8505, 47.3508



49.1488, 56.8505, 68.8750

Complementary

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



58.7188, 56.8505, 71.4967



55.3015, 63.1070, 59.1384

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.



48.6817, 56.8505, 60.5188



58.7188, 56.8505, 71.4967



51.7194, 56.8505, 48.5567

Square

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



58.7188, 56.8505, 71.4967



57.2890, 56.8505, 49.7505



49.6066, 56.8505, 53.2039



50.9060, 56.8505, 75.8833

Rectangle

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



58.7188, 56.8505, 71.4967



59.5871, 56.8505, 57.8726



49.6066, 56.8505, 53.2039



48.8384, 56.8505, 66.1111

Sweetspot

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



58.7205, 56.8530, 71.4979



92.6579, 95.2158, 108.1026



52.7280, 53.7637, 71.2176



19.6992, 20.1134, 23.0939



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.



58.7205, 56.8530, 71.4979



86.0532, 82.0066, 105.9008



57.3626, 56.3098, 64.3475



12.9531, 12.6327, 15.6931



24.0982, 11.5756, 39.4165



1.4535, 0.6982, 2.3774

Inverse Universe

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



58.7205, 56.8530, 71.4979



86.0532, 82.0066, 105.9008



56.5663, 63.6129, 65.7991



12.9531, 12.6327, 15.6931



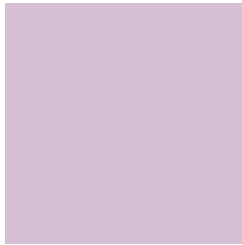
24.0982, 11.5756, 39.4165



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 58.7188, 56.8505, 71.4967 looks on a white background.

Color Contrast Check

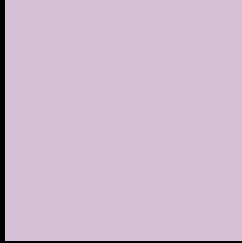
Large Text (above 18pt) WCAG AA × Fail

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 58.7188, 56.8505, 71.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

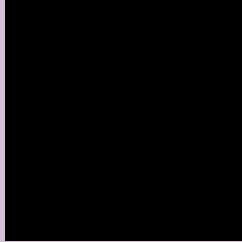
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7188, 56.8505, 71.4967

Background



This preview shows how black text looks on a background with the XYZ color 58.7188, 56.8505, 71.4967.



This preview shows how white text looks on a background with the XYZ color 58.7188, 56.8505,

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

58.7188, 56.8505, 71.4967

Protanopia

55.5166, 56.8126, 73.6855

Deuteranopia

58.0715, 56.8439, 71.5296



Tritanopia

57.8957, 56.8401, 67.5943

Trichromacy



Original Color

58.7188, 56.8505, 71.4967

Protanomaly

56.5384, 56.6846, 72.9271

Deuteranomaly

58.3589, 56.9920, 71.5430

Tritanomaly

58.1434, 56.9392, 68.8986

Monochromacy



Original Color

58.7188, 56.8505, 71.4967

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7883, 57.9662, 66.5881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7188, 56.8505, 71.4967 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(214, 192, 214) looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 214)  
}
```

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(214, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.7188, 56.8505, 71.4967 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(214, 192, 214) }
```


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

```
.border{ border-color:rgb(214, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7188, 56.8505, 71.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 214) }
```

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

```
.background{ background-color: rgb(214,  
192, 214) }
```

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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