

Converting Colors

XYZ(58.2154, 57.0160, 69.8697)

Have a look what the booklet for
XYZ(58.2154, 57.0160, 69.8697)
contains.

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Color

**XYZ(57.9792, 56.8401,
69.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C1D3
RGB	212, 193, 211
RGB Percent	83%, 76%, 83%
CMY	0.1686, 0.2431, 0.1725
CMYK	0.00, 0.09, 0.00, 0.17
HSL	303°, 18%, 79%
HSV	303°, 9%, 83%
XYZ	57.9792, 56.8401, 69.5434
YIQ	200.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

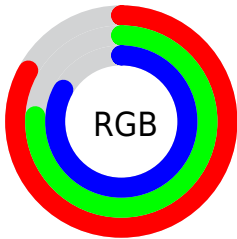
Format	Color
R _Y B	212, 193, 211
Decimal	13943251
CIE Lab	80.09, 9.87, -6.57
CIE LCh	80, 11.853, 326.361
Yxy	56.8401, 0.3145, 0.3083
Android (android.graphics.Color)	4292133331 (0xFFD4C1D3)
YUV	200.7330, 5.0616, 9.8812
Hunter-Lab	75.3924, 5.3357, -1.9156

Details

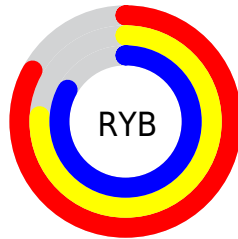
The XYZ color **57.9792, 56.8401, 69.5434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2756, 62.3210, 60.1577**, and the grayscale version is **55.3207, 58.2017, 63.3816**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.2230, 28.0677, 35.7757** is the 20% darker color. If you saturate the color by 10%, you get **53.4857, 48.0755, 67.3582**, and if you desaturate by 10%, it is **63.1488, 66.9536, 71.9601**.

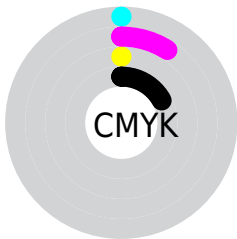
Distribution



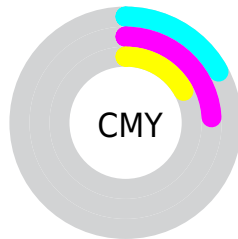
- Red (83%)
- Green (76%)
- Blue (83%)



- Red (83%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9792, 56.8401, 69.5434 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 57.9792, 56.8401, 69.5434 by changing the saturation by 10% instead.

■ 57.9792, 56.8401,
69.5434

■ 57.9792, 56.8401,
69.5434

407.0635,
412.8499, 477.6909

■ 42.0351, 40.8769,
50.6799

■ 101.0157,
100.2318, 120.2324

■ 29.3200, 28.2229,
35.5789

128.8389,
128.4291, 152.8949

■ 19.4685, 18.4937,
23.8221

161.3524,
161.4733, 190.9942

■ 12.1153, 11.3050,
14.9907

198.9217,
199.7486, 234.9488

■ 6.8950, 6.2724,
8.6663

241.9121,
243.6395, 285.1772

■ 3.4423, 3.0114,
4.4304

290.6890,

■ 1.3917, 1.1377,

293.5304, 342.0980

1.8643

345.6177,
349.8058, 406.1297

■ 0.2503, 0.0099,
0.4699

■ 0.0000, 0.0000,
0.0000

■ 57.9792, 56.8401,
69.5434

■ 57.9792, 56.8401,
69.5434

■ 53.4857, 48.0755,
67.3582

■ 63.1488, 66.9536,
71.9601

■ 49.6349, 40.5954,
65.3914

■ 69.0162, 78.4622,
74.6135

■ 46.3979, 34.3415,
63.6339

■ 75.0941, 90.3902,
77.3419

■ 43.7418, 29.2479,
62.0749

■ 75.2375, 90.4475,
78.0970

41.6306, 25.2424,
60.7022

75.3819, 90.5053,
78.8572

40.0242, 22.2451,
59.5025

75.5272, 90.5634,
79.6226

38.8771, 20.1647,
58.4607

75.6735, 90.6220,
80.3931

38.1355, 18.8939,
57.5587

75.8208, 90.6809,
81.1689

37.7131, 18.2601,
56.7680

75.9691, 90.7402,
81.9498

Harmonies

Analogous

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



56.1107, 56.8401, 74.5711



57.9792, 56.8401, 69.5434



58.7873, 56.8401, 62.7361

Triad

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



57.9792, 56.8401, 69.5434



54.3197, 56.8401, 49.5561



49.9744, 56.8401, 67.9770

Complementary

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



57.9792, 56.8401, 69.5434



55.2756, 62.3210, 60.1577

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.



49.5268, 56.8401, 61.0500



57.9792, 56.8401, 69.5434



51.9913, 56.8401, 50.7334

Square

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



57.9792, 56.8401, 69.5434



56.6352, 56.8401, 51.4754



50.2544, 56.8401, 54.8183



51.4959, 56.8401, 73.6205

Rectangle

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



57.9792, 56.8401, 69.5434



58.5987, 56.8401, 58.2221



50.2544, 56.8401, 54.8183



49.6954, 56.8401, 65.7071

Sweetspot

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



57.9809, 56.8426, 69.5446



92.5931, 95.1899, 107.7615



53.1914, 54.3590, 69.9771



19.6817, 20.1064, 23.0014



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.



57.9809, 56.8426, 69.5446



86.5085, 83.2961, 104.8844



56.8307, 56.3825, 63.4878



12.9235, 12.6209, 15.5372



23.2706, 11.2446, 35.0588



1.4124, 0.6818, 2.1612

Inverse Universe

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



57.9809, 56.8426, 69.5446



86.5085, 83.2961, 104.8844



56.3710, 62.7592, 65.9260



12.9235, 12.6209, 15.5372



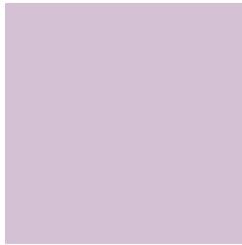
23.2706, 11.2446, 35.0588



1.4124, 0.6818, 2.1612

Previews

White Background



This preview shows how the XYZ color 57.9792, 56.8401, 69.5434 looks on a white background.

Color Contrast Check

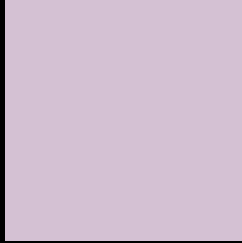
Large Text (above 18pt) WCAG AA × Fail

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 57.9792, 56.8401, 69.5434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

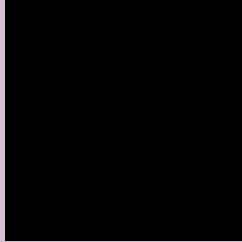
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9792, 56.8401, 69.5434

Background



This preview shows how black text looks on a background with the XYZ color 57.9792, 56.8401, 69.5434.



This preview shows how white text looks on a background with the XYZ color 57.9792, 56.8401,

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

57.9792, 56.8401, 69.5434

Protanopia

55.3926, 56.7933, 71.6610

Deuteranopia

57.9792, 56.8401, 69.5434



Tritanopia

57.7300, 56.7404, 68.2309

Trichromacy



Original Color

57.9792, 56.8401, 69.5434

Protanomaly

56.3788, 56.9805, 70.9776

Deuteranomaly

57.9792, 56.8401, 69.5434

Tritanomaly

57.8542, 56.7901, 68.8851

Monochromacy



Original Color

57.9792, 56.8401, 69.5434

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3904, 57.7751, 65.9372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9792, 56.8401, 69.5434 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(212, 193, 211) looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 211)  
}
```

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(212, 193, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.9792, 56.8401, 69.5434 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(212, 193, 211) }
```


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

```
.border{ border-color:rgb(212, 193, 211) }
```

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

Here you see how a box with a 4 pixel rgb(212, 193, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9792, 56.8401, 69.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 211) }
```

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

```
.background{ background-color: rgb(212,  
193, 211) }
```

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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