

Converting Colors

XYZ(59.3261, 57.2990, 72.5712)

Have a look what the booklet for
XYZ(59.3261, 57.2990, 72.5712)
contains.

XYZ(59.2686, 57.1042, 72.8642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.2686, 57.1042,
72.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C0D8
RGB	215, 192, 216
RGB Percent	84%, 75%, 85%
CMY	0.1569, 0.2470, 0.1529
CMYK	0.00, 0.11, 0.00, 0.15
HSL	297°, 24%, 80%
HSV	297°, 11%, 85%
XYZ	59.2686, 57.1042, 72.8642
YIQ	201.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

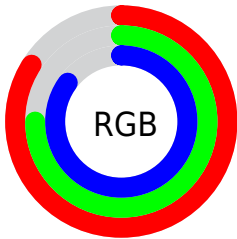
Format	Color
R _{YB}	215, 192, 216
Decimal	14139608
CIE Lab	80.24, 12.35, -9.01
CIE LCh	80, 15.285, 323.887
Yxy	57.1042, 0.3132, 0.3018
Android (android.graphics.Color)	4292329688 (0xFFD7C0D8)
YUV	201.6130, 7.0928, 11.7404
Hunter-Lab	75.5673, 7.7575, -4.2720

Details

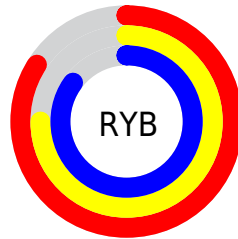
The XYZ color **59.2686, 57.1042, 72.8642** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0648, 64.2565, 59.3199**, and the grayscale version is **55.8540, 58.7628, 63.9927**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.0187, 28.2237, 37.5838** is the 20% darker color. If you saturate the color by 10%, you get **54.6067, 48.1708, 71.3864**, and if you desaturate by 10%, it is **64.6314, 67.4354, 74.5765**.

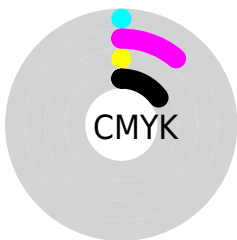
Distribution



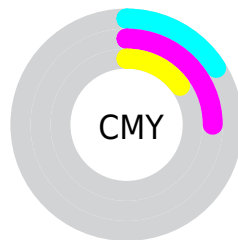
- Red (84%)
- Green (75%)
- Blue (85%)



- Red (84%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2686, 57.1042, 72.8642 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 59.2686, 57.1042, 72.8642 by changing the saturation by 10% instead.

■ 59.2686, 57.1042,
72.8642

■ 59.2686, 57.1042,
72.8642

411.7747,
413.8396, 489.6022

■ 43.0766, 41.0889,
53.3738

■ 102.8803,
100.6172, 125.0035

■ 30.1400, 28.3886,
37.7115

131.0308,
128.8837, 158.4895

■ 20.0935, 18.6188,
25.4587

163.8981,
162.0028, 197.4778

■ 12.5717, 11.3951,
16.1970

201.8475,
200.3587, 242.3869

■ 7.2092, 6.3333,
9.5078

245.2446,
244.3360, 293.6353

■ 3.6408, 3.0488,
4.9726

294.4546,

■ 1.5010, 1.1572,

294.3190, 351.6417

2.1727

349.8428,
350.6921, 416.8244

■ 0.3265, 0.0264,
0.6586

■ 0.0000, 0.0000,
0.0000

■ 59.2686, 57.1042,
72.8642

■ 59.2686, 57.1042,
72.8642

■ 54.6067, 48.1708,
71.3864

■ 64.6314, 67.4354,
74.5765

■ 50.6103, 40.5673,
70.1294

■ 70.7183, 79.2135,
76.5291

■ 47.2488, 34.2314,
69.0837

■ 76.9792, 91.3374,
78.5393

■ 44.4871, 29.0928,
68.2374

■ 77.2486, 91.4763,
78.5519

42.2866, 25.0745,
67.5777

77.5196, 91.6160,
78.5646

40.6042, 22.0904,
67.0904

77.7919, 91.7564,
78.5773

39.3907, 20.0419,
66.7590

78.0658, 91.8976,
78.5901

38.5874, 18.8115,
66.5638

78.3411, 92.0395,
78.6030

38.1269, 18.2233,
66.4746

78.6179, 92.1822,
78.6160

Harmonies

Analogous

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



56.7418, 57.1042, 79.2489



59.2686, 57.1042, 72.8642



60.4629, 57.1042, 64.0247

Triad

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



59.2686, 57.1042, 72.8642



54.9173, 57.1042, 46.6084



48.9726, 57.1042, 69.3976

Complementary

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



59.2686, 57.1042, 72.8642



56.0648, 64.2565, 59.3199

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.



48.5259, 57.1042, 60.3647



59.2686, 57.1042, 72.8642



51.8824, 57.1042, 47.7514

Square

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



59.2686, 57.1042, 72.8642



57.8895, 57.1042, 49.3026



49.5716, 57.1042, 52.5891



50.8158, 57.1042, 77.1171

Rectangle

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



59.2686, 57.1042, 72.8642



60.3112, 57.1042, 58.1433



49.5716, 57.1042, 52.5891



48.6571, 57.1042, 66.3926

Sweetspot

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



59.2703, 57.1067, 72.8654



92.5407, 95.1554, 108.0971



53.2496, 54.3956, 72.6595



19.6675, 20.0970, 23.0925



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.



59.2703, 57.1067, 72.8654



84.8650, 80.3818, 105.6501



58.2140, 56.7182, 65.7656



12.8995, 12.6051, 15.6907



22.5906, 10.7984, 39.3468



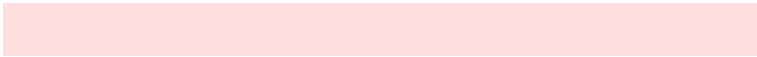
1.3788, 0.6597, 2.3740

Inverse Universe

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



56.7962, 56.1511, 58.2998



80.6720, 78.7631, 80.9267



57.0518, 64.6219, 65.8434



12.4440, 12.4291, 13.0125



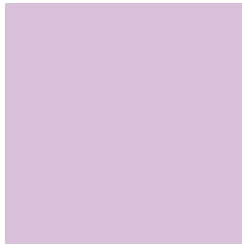
16.8009, 8.6567, 0.9899



1.0209, 0.5251, 0.0994

Previews

White Background



This preview shows how the XYZ color 59.2686, 57.1042, 72.8642 looks on a white background.

Color Contrast Check

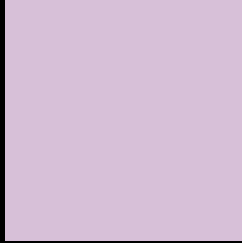
Large Text (above 18pt) WCAG AA × Fail

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 59.2686, 57.1042, 72.8642 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

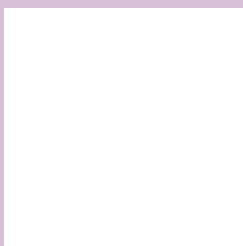
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2686, 57.1042, 72.8642

Background



This preview shows how black text looks on a background with the XYZ color 59.2686, 57.1042, 72.8642.



This preview shows how white text looks on a background with the XYZ color 59.2686, 57.1042,

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

59.2686, 57.1042, 72.8642

Protanopia

56.1383, 57.4258, 75.8356

Deuteranopia

58.5504, 57.3903, 72.9572



Tritanopia

58.1867, 56.9901, 67.6079

Trichromacy



Original Color

59.2686, 57.1042, 72.8642

Protanomaly

57.4279, 57.4317, 75.0765

Deuteranomaly

58.6160, 57.0948, 72.8968

Tritanomaly

58.5594, 57.1392, 69.5706

Monochromacy



Original Color

59.2686, 57.1042, 72.8642

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1887, 58.1586, 67.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2686, 57.1042, 72.8642 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(215, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 216)  
}
```

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(215, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.2686, 57.1042, 72.8642 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(215, 192, 216) }
```


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

```
.border{ border-color:rgb(215, 192, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2686, 57.1042, 72.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 216) }
```

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

```
.background{ background-color: rgb(215,  
192, 216) }
```

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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