

Converting Colors

XYZ(57.5727, 62.6934, 72.6663)

Have a look what the booklet for
XYZ(57.5727, 62.6934, 72.6663)
contains.

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Color

**XYZ(57.6800, 62.9129,
72.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D3D6
RGB	194, 211, 214
RGB Percent	76%, 83%, 84%
CMY	0.2392, 0.1725, 0.1608
CMYK	0.09, 0.01, 0.00, 0.16
HSL	189°, 20%, 80%
HSV	189°, 9%, 84%
XYZ	57.6800, 62.9129, 72.7217
YIQ	206.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

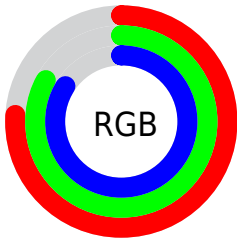
Format	Color
RYB	194, 203, 214
Decimal	12768214
CIELab	83.40, -5.12, -3.45
CIELCh	83, 6.171, 213.987
Yxy	62.9129, 0.2984, 0.3254
Android (android.graphics.Color)	4290958294 (0xFFC2D3D6)
YUV	206.2590, 3.8163, -10.7511
Hunter-Lab	79.3177, -9.0002, 1.1628

Details

The XYZ color **57.6800, 62.9129, 72.7217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4357, 58.1234, 59.2317**, and the grayscale version is **58.8150, 61.8779, 67.3851**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.1302, 32.1926, 37.4794** is the 20% darker color. If you saturate the color by 10%, you get **51.7901, 58.7073, 72.2214**, and if you desaturate by 10%, it is **64.3804, 67.5633, 73.2671**.

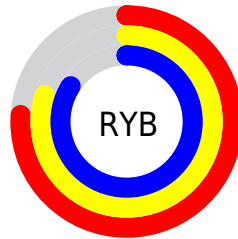
Distribution



Red (76%)

Green (83%)

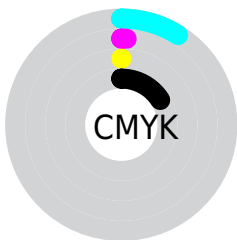
Blue (84%)



Red (76%)

Yellow (80%)

Blue (84%)

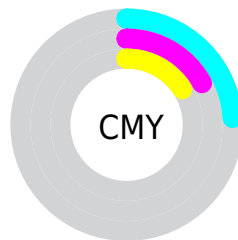


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6800, 62.9129, 72.7217 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 57.6800, 62.9129, 72.7217 by changing the saturation by 10% instead.

■ 57.6800, 62.9129,
72.7217

■ 57.6800, 62.9129,
72.7217

405.9656,
435.2533, 489.0946

■ 41.7937, 45.7707,
53.2580

■ 100.5824,
109.0438, 124.7993

■ 29.1302, 32.0650,
37.6196

128.3291,
138.8014, 158.2503

■ 19.3241, 21.4111,
25.3881

160.7601,
173.5329, 197.2007

■ 12.0101, 13.4248,
16.1448

198.2407,
213.6228, 242.0693

■ 6.8228, 7.7217,
9.4712

241.1361,
259.4553, 293.2744

■ 3.3969, 3.9174,
4.9488

289.8119,

■ 1.3669, 1.6275,

311.4150, 351.2346

2.1590

344.6332,
369.8862, 416.3685

■ 0.2325, 0.3760,
0.6506

■ 0.0000, 0.0000,
0.0000

■ 57.6800, 62.9129,
72.7217

■ 57.6800, 62.9129,
72.7217

■ 51.7901, 58.7073,
72.2214

■ 64.3804, 67.5633,
73.2671

■ 46.6714, 54.9211,
71.7603

■ 71.9175, 72.6671,
73.8550

■ 42.2897, 51.5381,
71.3383

■ 79.1353, 77.6300,
74.4326

■ 38.6058, 48.5381,
70.9534

■ 79.9881, 79.3358,
74.7169

■ 35.5771, 45.8988,
70.6036

■ 80.8573, 81.0741,
75.0066

■ 33.1558, 43.5956,
70.2866

■ 81.7428, 82.8450,
75.3017

■ 31.2878, 41.6004,
70.0000

■ 82.6446, 84.6488,
75.6024

■ 29.9091, 39.8800,
69.7406

■ 83.5631, 86.4857,
75.9085

■ 28.9129, 38.3793,
69.5034

■ 84.4981, 88.3557,
76.2202

Harmonies

Analogous

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



57.2562, 62.9129, 69.0173



57.6800, 62.9129, 72.7217



58.6708, 62.9129, 75.3689

Triad

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



57.6800, 62.9129, 72.7217



62.1490, 62.9129, 71.7982



59.6173, 62.9129, 61.3818

Complementary

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



57.6800, 62.9129, 72.7217



57.4357, 58.1234, 59.2317

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.



60.9371, 62.9129, 62.0644



57.6800, 62.9129, 72.7217



62.4115, 62.9129, 67.9882

Square

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



57.6800, 62.9129, 72.7217



61.2528, 62.9129, 74.8219



61.9648, 62.9129, 64.4477



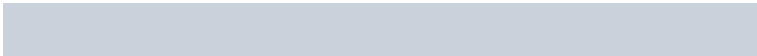
58.3641, 62.9129, 62.5474

Rectangle

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



57.6800, 62.9129, 72.7217



59.5266, 62.9129, 76.1269



61.9648, 62.9129, 64.4477



60.0679, 62.9129, 61.4030

Sweetspot

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



57.6818, 62.9155, 72.7231



91.9267, 97.8486, 108.6494



56.3356, 63.5795, 61.9272



19.5015, 20.8228, 23.2413



0.0000, 0.0000, 0.0000



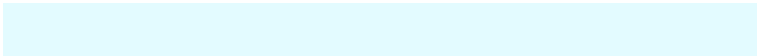
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.6818, 62.9155, 72.7231



84.1465, 92.4103, 108.0097



55.3512, 58.2543, 71.9462



12.6263, 13.7760, 15.9311



17.4999, 23.2616, 42.0208



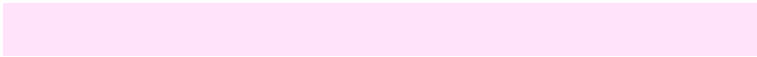
1.0995, 1.4911, 2.5492

Inverse Universe

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



58.7826, 57.5841, 69.6478



86.0760, 83.1231, 102.6067



59.7023, 62.6566, 59.9873



12.8693, 12.5992, 15.2520



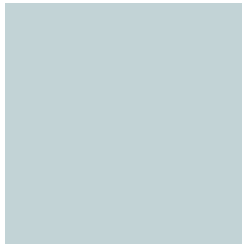
21.8920, 10.6931, 27.7991



1.3426, 0.6538, 1.7937

Previews

White Background



This preview shows how the XYZ color 57.6800, 62.9129, 72.7217 looks on a white background.

Color Contrast Check

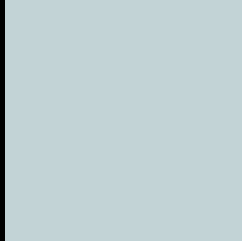
Large Text (above 18pt) WCAG AA × Fail

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 57.6800, 62.9129, 72.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

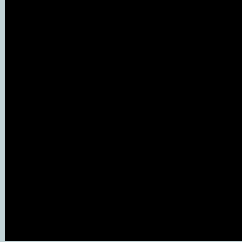
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6800, 62.9129, 72.7217

Background



This preview shows how black text looks on a background with the XYZ color 57.6800, 62.9129, 72.7217.



This preview shows how white text looks on a background with the XYZ color 57.6800, 62.9129,

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

57.6800, 62.9129, 72.7217

Protanopia

60.4075, 62.5474, 70.5171

Deuteranopia

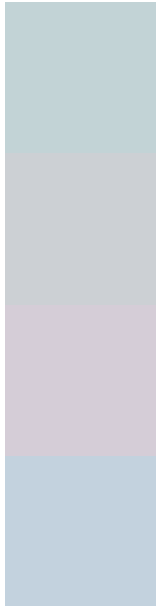
64.0218, 62.5784, 73.6703



Tritanopia

59.2929, 62.8277, 80.9534

Trichromacy



Original Color

57.6800, 62.9129, 72.7217

Protanomaly

59.3414, 62.7026, 71.2625

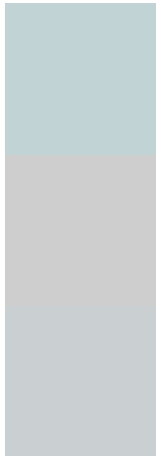
Deuteranomaly

61.5376, 62.7151, 73.1518

Tritanomaly

58.7371, 62.9692, 78.1657

Monochromacy



Original Color

57.6800, 62.9129, 72.7217

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4216, 62.2718, 69.2621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6800, 62.9129, 72.7217 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(194, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 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(194, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.6800, 62.9129, 72.7217 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(194, 211, 214) }
```


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

```
.border{ border-color:rgb(194, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6800, 62.9129, 72.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 214) }
```

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

```
.background{ background-color: rgb(194,  
211, 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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