

Converting Colors

XYZ(59.8137, 63.6717, 72.9124)

Have a look what the booklet for
XYZ(59.8137, 63.6717, 72.9124)
contains.

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Color

**XYZ(59.8128, 63.6447,
72.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD2D6
RGB	203, 210, 214
RGB Percent	80%, 82%, 84%
CMY	0.2039, 0.1765, 0.1608
CMYK	0.05, 0.02, 0.00, 0.16
HSL	202°, 12%, 82%
HSV	202°, 5%, 84%
XYZ	59.8128, 63.6447, 72.7505
YIQ	208.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

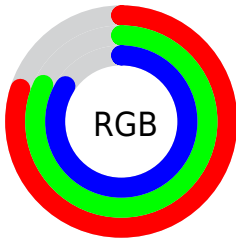
Format	Color
R _Y B	203, 207, 214
Decimal	13357782
CIE Lab	83.78, -1.62, -2.81
CIE LCh	84, 3.242, 240.093
Yxy	63.6447, 0.3048, 0.3244
Android (android.graphics.Color)	4291547862 (0xFFCBD2D6)
YUV	208.3630, 2.7790, -4.7034
Hunter-Lab	79.7776, -5.7815, 1.7768

Details

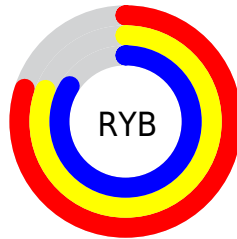
The XYZ color **59.8128, 63.6447, 72.7505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8241, 63.2331, 65.5004**, and the grayscale version is **60.1763, 63.3102, 68.9448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5409, 32.6697, 37.4971** is the 20% darker color. If you saturate the color by 10%, you get **52.5096, 57.1004, 71.8732**, and if you desaturate by 10%, it is **68.0175, 70.7957, 73.6993**.

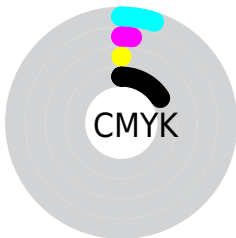
Distribution



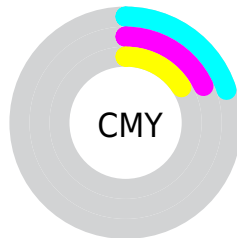
- Red (80%)
- Green (82%)
- Blue (84%)



- Red (80%)
- Yellow (81%)
- Blue (84%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8128, 63.6447, 72.7505 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 59.8128, 63.6447, 72.7505 by changing the saturation by 10% instead.

■ 59.8128, 63.6447,
72.7505

■ 59.8128, 63.6447,
72.7505

413.7532,
437.9055, 489.1972

■ 43.5166, 46.3630,
53.2814

103.6660,
110.0991, 124.8406

■ 30.4870, 32.5323,
37.6382

131.9537,
140.0405, 158.2986

■ 20.3584, 21.7684,
25.4023

164.9693,
174.9707, 197.2567

■ 12.7656, 13.6868,
16.1553

203.0781,
215.2739, 242.1335

■ 7.3432, 7.9032,
9.4786

246.6456,
261.3346, 293.3473

■ 3.7259, 4.0331,
4.9536

296.0370,

■ 1.5483, 1.6921,

313.5371, 351.3169

2.1618

351.6178,
372.2660, 416.4607

■ 0.3583, 0.4185,
0.6522

■ 0.0000, 0.0000,
0.0000

■ 59.8128, 63.6447,
72.7505

■ 59.8128, 63.6447,
72.7505

■ 52.5096, 57.1004,
71.8732

■ 68.0175, 70.7957,
73.6993

■ 46.0682, 51.1352,
71.0613

■ 77.1502, 78.5637,
74.7174

■ 40.4542, 45.7311,
70.3141

■ 82.6107, 84.5809,
75.5910

■ 35.6284, 40.8659,
69.6294

■ 84.8648, 89.0892,
76.3424

■ 31.5486, 36.5156,
69.0047

■ 87.2173, 93.7941,
77.1265

■ 28.1679, 32.6541,
68.4376

■ 89.1378, 97.6351,
77.7667

■ 25.4339, 29.2521,
67.9250

■ 23.2858, 26.2760,
67.4638

■ 21.6496, 23.6855,
67.0500

Harmonies

Analogous

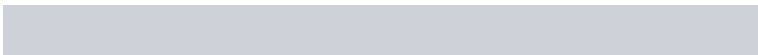
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.3164, 63.6447, 71.2815



59.8128, 63.6447, 72.7505



60.4946, 63.6447, 73.2908

Triad

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



59.8128, 63.6447, 72.7505



61.8708, 63.6447, 69.2919



59.8090, 63.6447, 65.9632

Complementary

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



59.8128, 63.6447, 72.7505



60.8241, 63.2331, 65.5004

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.



60.4902, 63.6447, 65.4534



59.8128, 63.6447, 72.7505



61.6838, 63.6447, 67.3522

Square

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



59.8128, 63.6447, 72.7505



61.6861, 63.6447, 71.2703



61.1771, 63.6447, 65.9570



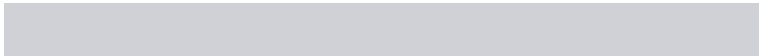
59.3142, 63.6447, 67.3630

Rectangle

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



59.8128, 63.6447, 72.7505



60.9636, 63.6447, 73.0435



61.1771, 63.6447, 65.9570



60.0236, 63.6447, 65.6833

Sweetspot

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



59.8146, 63.6474, 72.7519



92.6102, 97.8689, 108.6172



59.9204, 65.2884, 68.3802



19.8480, 20.9704, 23.2515



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

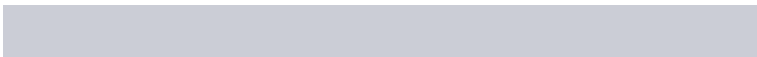
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8146, 63.6474, 72.7519



87.8955, 93.7170, 108.0643



58.5150, 61.0481, 72.3187



12.8591, 13.7269, 15.9093



12.7808, 13.8234, 40.4477



0.8483, 0.9886, 2.4654

Inverse Universe

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



60.7218, 61.6624, 69.6775



89.4796, 90.2708, 102.6914



62.1431, 65.8711, 65.9401



13.1125, 13.1775, 15.0495



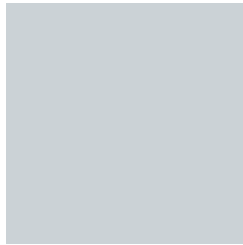
19.5100, 9.7403, 15.2557



1.2158, 0.6031, 1.1260

Previews

White Background



This preview shows how the XYZ color 59.8128, 63.6447, 72.7505 looks on a white background.

Color Contrast Check

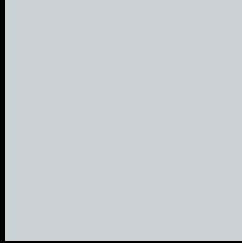
Large Text (above 18pt) WCAG AA × Fail

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 59.8128, 63.6447, 72.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

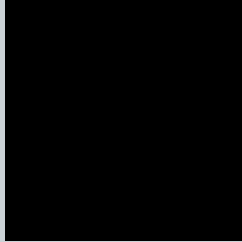
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

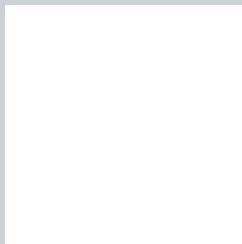
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8128, 63.6447, 72.7505

Background



This preview shows how black text looks on a background with the XYZ color 59.8128, 63.6447, 72.7505.

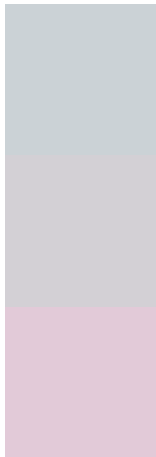


This preview shows how white text looks on a background with the XYZ color 59.8128, 63.6447,

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

59.8128, 63.6447, 72.7505

Protanopia

61.4301, 63.7647, 72.0209

Deuteranopia

64.8792, 63.3677, 73.7774



Tritanopia

61.3233, 63.5271, 80.2640

Trichromacy



Original Color

59.8128, 63.6447, 72.7505

Protanomaly

60.8231, 63.8149, 72.0626

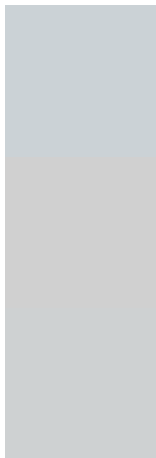
Deuteranomaly

63.0105, 63.4744, 73.2207

Tritanomaly

60.7534, 63.6588, 77.4919

Monochromacy



Original Color

59.8128, 63.6447, 72.7505

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8869, 63.3759, 70.0492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8128, 63.6447, 72.7505 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(203, 210, 214) looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 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(203, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.8128, 63.6447, 72.7505 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(203, 210, 214) }
```


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

```
.border{ border-color:rgb(203, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8128, 63.6447, 72.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 214) }
```

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

```
.background{ background-color: rgb(203,  
210, 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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