

Converting Colors

XYZ(57.8348, 62.1847, 75.9725)

Have a look what the booklet for
XYZ(57.8348, 62.1847, 75.9725)
contains.

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Color

**XYZ(57.8348, 62.1847,
75.9725)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D1DB
RGB	194, 209, 219
RGB Percent	76%, 82%, 86%
CMY	0.2392, 0.1804, 0.1412
CMYK	0.11, 0.05, 0.00, 0.14
HSL	204°, 26%, 81%
HSV	204°, 11%, 86%
XYZ	57.8348, 62.1847, 75.9725
YIQ	205.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

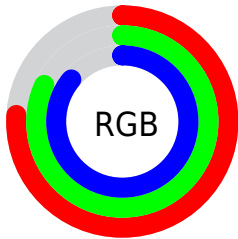
Format	Color
RYB	194, 203, 219
Decimal	12767707
CIELab	83.01, -3.08, -6.68
CIElCh	83, 7.356, 245.257
Yxy	62.1847, 0.2951, 0.3173
Android (android.graphics.Color)	4290957787 (0xFFC2D1DB)
YUV	205.6550, 6.5791, -10.2214
Hunter-Lab	78.8573, -7.0864, -1.9209

Details

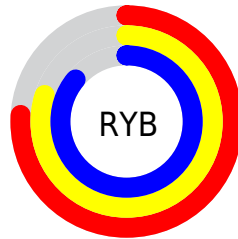
The XYZ color **57.8348, 62.1847, 75.9725** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5443, 62.1407, 59.8435**, and the grayscale version is **58.4120, 61.4540, 66.9234**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.2374, 31.6985, 39.6994** is the 20% darker color. If you saturate the color by 10%, you get **50.5335, 55.3198, 75.0332**, and if you desaturate by 10%, it is **66.0862, 69.7181, 76.9927**.

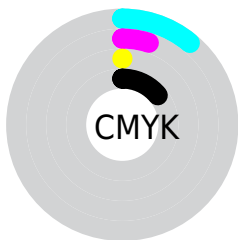
Distribution



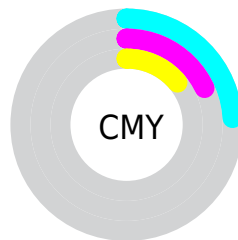
- Red (76%)
- Green (82%)
- Blue (86%)



- Red (76%)
- Yellow (80%)
- Blue (86%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8348, 62.1847, 75.9725 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 57.8348, 62.1847, 75.9725 by changing the saturation by 10% instead.

■ 57.8348, 62.1847,
75.9725

■ 57.8348, 62.1847,
75.9725

406.5339,
432.6045, 500.5979

■ 41.9186, 45.1820,
55.9034

■ 100.8066,
107.9924, 129.4478

■ 29.2284, 31.6008,
39.7220

128.5929,
137.5662, 163.6910

■ 19.3988, 21.0567,
27.0097

161.0666,
172.0991, 203.4961

■ 12.0645, 13.1655,
17.3480

198.5931,
211.9756, 249.2816

■ 6.8601, 7.5426,
10.3184

241.5377,
257.5799, 301.4660

■ 3.4203, 3.8037,
5.5022

290.2658,

■ 1.3797, 1.5644,

309.2966, 360.4678

2.4810

345.1428,
367.5100, 426.7056

■ 0.2417, 0.3334,
0.8301

■ 0.0000, 0.0000,
0.0000

■ 57.8348, 62.1847,
75.9725

■ 57.8348, 62.1847,
75.9725

■ 50.5335, 55.3198,
75.0332

■ 66.0862, 69.7181,
76.9927

■ 44.1389, 49.0931,
74.1684

■ 75.3179, 77.9333,
78.0918

■ 38.6121, 43.4836,
73.3769

■ 83.8142, 85.9502,
79.1914

■ 33.9091, 38.4655,
72.6562

■ 86.3876, 91.0970,
80.0492

■ 29.9818, 34.0110,
72.0034

■ 89.0862, 96.4942,
80.9487

■ 26.7765, 30.0895,
71.4154

■ 89.7864, 97.8946,
81.1821

■ 24.2320, 26.6660,
70.8887

■ 22.2755, 23.6999,
70.4193

■ 20.9599, 21.4616,
70.0567

Harmonies

Analogous

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



56.6442, 62.1847, 72.8875



57.8348, 62.1847, 75.9725



59.3852, 62.1847, 76.8034

Triad

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



57.8348, 62.1847, 75.9725



62.2004, 62.1847, 66.9098



57.3581, 62.1847, 60.8102

Complementary

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



57.8348, 62.1847, 75.9725



60.5443, 62.1407, 59.8435

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.



58.8251, 62.1847, 59.3617



57.8348, 62.1847, 75.9725



61.6355, 62.1847, 62.7809

Square

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



57.8348, 62.1847, 75.9725



61.9239, 62.1847, 71.4383



60.3930, 62.1847, 60.0667



56.3724, 62.1847, 64.1110

Rectangle

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



57.8348, 62.1847, 75.9725



60.4183, 62.1847, 75.9366



60.3930, 62.1847, 60.0667



57.8103, 62.1847, 60.0974

Sweetspot

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



57.8366, 62.1873, 75.9739



91.3232, 96.6415, 108.4482



58.4300, 66.4732, 66.6172



19.3383, 20.4963, 23.1869



0.0000, 0.0000, 0.0000



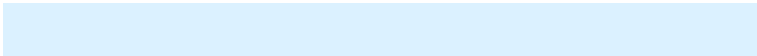
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8366, 62.1873, 75.9739



78.7274, 85.0740, 106.8793



54.9828, 56.4797, 75.0226



12.9853, 13.9104, 16.6527



12.5379, 12.9452, 41.5763



0.8957, 1.0056, 2.7213

Inverse Universe

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



60.0153, 58.2485, 68.4045



82.4858, 78.4141, 93.7911



63.5293, 68.1107, 60.8385



13.3825, 13.1821, 15.2753



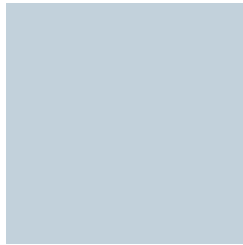
19.8239, 9.9306, 13.9845



1.3264, 0.6602, 1.1278

Previews

White Background



This preview shows how the XYZ color 57.8348, 62.1847, 75.9725 looks on a white background.

Color Contrast Check

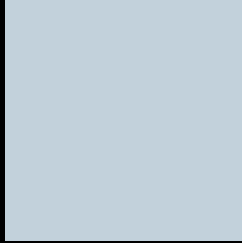
Large Text (above 18pt) WCAG AA × Fail

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 57.8348, 62.1847, 75.9725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

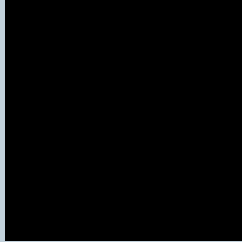
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

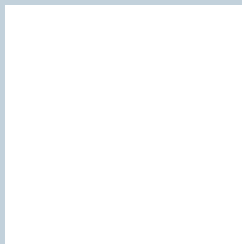
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8348, 62.1847, 75.9725

Background



This preview shows how black text looks on a background with the XYZ color 57.8348, 62.1847, 75.9725.



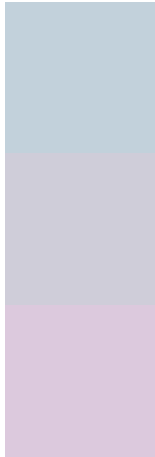
This preview shows how white text looks on a background with the XYZ color 57.8348, 62.1847,

75.9725.

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

57.8348, 62.1847, 75.9725

Protanopia

60.0878, 61.9378, 74.4339

Deuteranopia

63.4530, 62.2094, 77.0699



Tritanopia

58.6522, 62.1501, 80.1390

Trichromacy



Original Color

57.8348, 62.1847, 75.9725

Protanomaly

59.0833, 61.7611, 75.1367

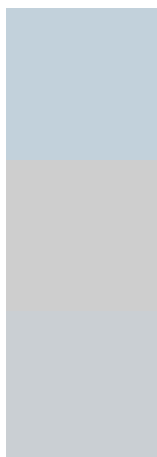
Deuteranomaly

61.3751, 62.2019, 76.4815

Tritanomaly

58.3808, 62.0416, 78.7103

Monochromacy



Original Color

57.8348, 62.1847, 75.9725

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4278, 61.8854, 70.4936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8348, 62.1847, 75.9725 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, 209, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 219)  
}
```

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, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.8348, 62.1847, 75.9725 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, 209, 219) }
```


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

```
.border{ border-color:rgb(194, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8348, 62.1847, 75.9725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 219) }
```

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

```
.background{ background-color: rgb(194,  
209, 219) }
```

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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