

Converting Colors

XYZ(59.8669, 63.0236, 76.8809)

Have a look what the booklet for
XYZ(59.8669, 63.0236, 76.8809)
contains.

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Color

**XYZ(59.8313, 62.8356,
76.6852)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD0DC
RGB	202, 208, 220
RGB Percent	79%, 82%, 86%
CMY	0.2078, 0.1843, 0.1372
CMYK	0.08, 0.05, 0.00, 0.14
HSL	220°, 20%, 83%
HSV	220°, 8%, 86%
XYZ	59.8313, 62.8356, 76.6852
YIQ	207.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

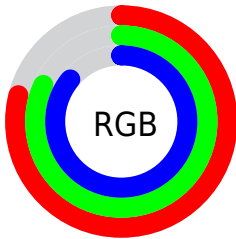
Format	Color
R _Y B	202, 207, 220
Decimal	13291740
CIE Lab	83.36, 0.26, -6.64
CIE LCh	83, 6.645, 272.224
Yxy	62.8356, 0.3001, 0.3152
Android (android.graphics.Color)	4291481820 (0xFFCAD0DC)
YUV	207.5740, 6.1260, -4.8884
Hunter-Lab	79.2689, -3.9908, -1.8693

Details

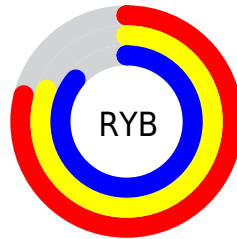
The XYZ color **59.8313, 62.8356, 76.6852** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2228, 67.5727, 65.5363**, and the grayscale version is **59.6451, 62.7513, 68.3362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5599, 32.1237, 40.1871** is the 20% darker color. If you saturate the color by 10%, you get **50.8868, 53.1620, 75.2904**, and if you desaturate by 10%, it is **69.9586, 73.6131, 78.2327**.

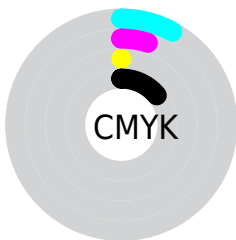
Distribution



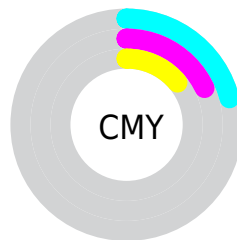
- Red (79%)
- Green (82%)
- Blue (86%)



- Red (79%)
- Yellow (81%)
- Blue (86%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8313, 62.8356, 76.6852 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 59.8313, 62.8356, 76.6852 by changing the saturation by 10% instead.

■ 59.8313, 62.8356,
76.6852

■ 59.8313, 62.8356,
76.6852

413.8204,
434.9726, 503.0992

■ 43.5316, 45.7082,
56.4845

103.6926,
108.9323, 130.4640

■ 30.4988, 32.0156,
40.1849

131.9850,
138.6704, 164.8791

■ 20.3674, 21.3734,
27.3679

165.0057,
173.3809, 204.8695

■ 12.7722, 13.3972,
17.6148

203.1199,
213.4481, 250.8537

■ 7.3478, 7.7027,
10.5072

246.6932,
259.2565, 303.2503

■ 3.7288, 3.9053,
5.6266

296.0908,

■ 1.5499, 1.6207,

311.1905, 362.4776

2.5543

351.6780,
369.6344, 428.9544

■ 0.3594, 0.3715,
0.8687

■ 0.0000, 0.0000,
0.0000

■ 59.8313, 62.8356,
76.6852

■ 59.8313, 62.8356,
76.6852

■ 50.8868, 53.1620,
75.2904

■ 69.9586, 73.6131,
78.2327

■ 43.0750, 44.5480,
74.0395

■ 81.3054, 85.5209,
79.9331

■ 36.3502, 36.9580,
72.9289

■ 88.9671, 96.0447,
81.5605

■ 30.6613, 30.3513,
71.9535

■ 89.9185, 97.9474,
81.8777

■ 25.9528, 24.6839,
71.1077

■ 22.1638, 19.9085,
70.3857

■ 19.2260, 15.9728,
69.7809

■ 17.0599, 12.8178,
69.2861

■ 15.5554, 10.3670,
68.8923

Harmonies

Analogous

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



58.4372, 62.8356, 75.7060



59.8313, 62.8356, 76.6852



61.2180, 62.8356, 75.3760

Triad

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



59.8313, 62.8356, 76.6852



62.1061, 62.8356, 64.2591



57.2973, 62.8356, 64.7737

Complementary

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



59.8313, 62.8356, 76.6852



64.2228, 67.5727, 65.5363

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.



58.2532, 62.8356, 61.9006



59.8313, 62.8356, 76.6852



61.0282, 62.8356, 61.6121

Square

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



59.8313, 62.8356, 76.6852



62.5445, 62.8356, 68.1088



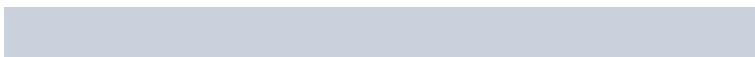
59.6155, 62.8356, 60.7661



56.9883, 62.8356, 68.7267

Rectangle

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



59.8313, 62.8356, 76.6852



61.9477, 62.8356, 73.4112



59.6155, 62.8356, 60.7661



57.5529, 62.8356, 63.6552

Sweetspot

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



59.8331, 62.8383, 76.6866



92.1237, 96.8959, 108.4551



62.0507, 68.5838, 73.3863



19.7489, 20.7723, 23.2185



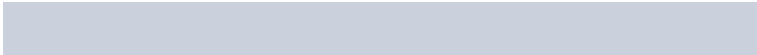
0.0000, 0.0000, 0.0000



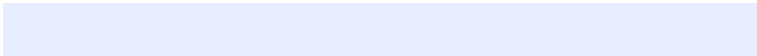
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8331, 62.8383, 76.6866



81.0986, 85.1118, 106.7616



59.1341, 60.3462, 76.2424



12.6917, 13.3232, 16.5548



9.0860, 6.0414, 40.4256



0.6664, 0.5469, 2.6449

Inverse Universe

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



62.0224, 62.0122, 68.3781



84.8311, 83.7490, 92.5862



64.9595, 70.2495, 66.0141



13.2343, 13.1228, 14.4949



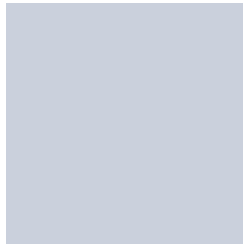
18.0815, 9.2336, 4.8093



1.2106, 0.6139, 0.5182

Previews

White Background



This preview shows how the XYZ color 59.8313, 62.8356, 76.6852 looks on a white background.

Color Contrast Check

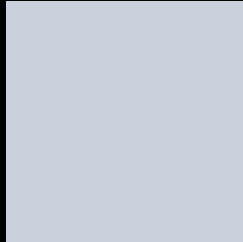
Large Text (above 18pt) WCAG AA × Fail

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 59.8313, 62.8356, 76.6852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

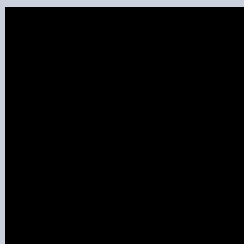
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

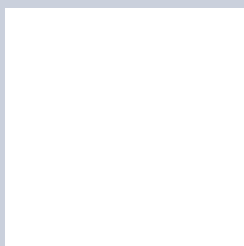
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8313, 62.8356, 76.6852

Background



This preview shows how black text looks on a background with the XYZ color 59.8313, 62.8356, 76.6852.

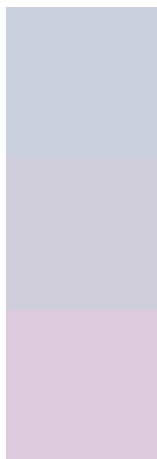


This preview shows how white text looks on a background with the XYZ color 59.8313, 62.8356,

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

59.8313, 62.8356, 76.6852

Protanopia

60.8699, 62.6670, 75.9056

Deuteranopia

63.9905, 62.8337, 77.1621



Tritanopia

60.3960, 62.7040, 79.4409

Trichromacy



Original Color

59.8313, 62.8356, 76.6852

Protanomaly

60.5526, 62.8619, 75.9599

Deuteranomaly

62.3756, 62.7023, 77.2218

Tritanomaly

60.2607, 62.6499, 78.7286

Monochromacy



Original Color

59.8313, 62.8356, 76.6852

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8931, 62.9870, 71.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8313, 62.8356, 76.6852 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(202, 208, 220) looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 220)  
}
```

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(202, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 220) }
```

Border

The CSS property to change the border of an element to XYZ 59.8313, 62.8356, 76.6852 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(202, 208, 220) }
```


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

```
.border{ border-color:rgb(202, 208, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 208, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8313, 62.8356, 76.6852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 220) }
```

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

```
.background{ background-color: rgb(202,  
208, 220) }
```

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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