

Converting Colors

XYZ(57.5320, 62.1629, 77.0960)

Have a look what the booklet for
XYZ(57.5320, 62.1629, 77.0960)
contains.

XYZ(57.5898, 62.0279, 77.3439)	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(57.5898, 62.0279,
77.3439)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D1DD
RGB	192, 209, 221
RGB Percent	75%, 82%, 87%
CMY	0.2471, 0.1804, 0.1333
CMYK	0.13, 0.05, 0.00, 0.13
HSL	205°, 30%, 81%
HSV	205°, 13%, 87%
XYZ	57.5898, 62.0279, 77.3439
YIQ	205.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

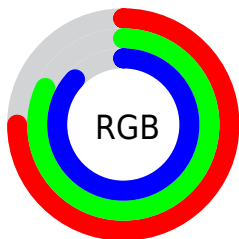
Format	Color
RYB	192, 203, 221
Decimal	12636637
CIELab	82.93, -3.32, -7.88
CIELCh	83, 8.555, 247.174
Yxy	62.0279, 0.2924, 0.3149
Android (android.graphics.Color)	4290826717 (0xFFC0D1DD)
YUV	205.2850, 7.7475, -11.6509
Hunter-Lab	78.7578, -7.3022, -3.0951

Details

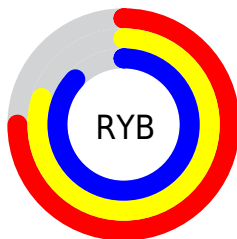
The XYZ color **57.5898, 62.0279, 77.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9263, 62.3632, 58.6963**, and the grayscale version is **58.1698, 61.1992, 66.6459**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.0855, 31.5991, 40.6427** is the 20% darker color. If you saturate the color by 10%, you get **50.2300, 55.0004, 76.3763**, and if you desaturate by 10%, it is **65.9222, 69.7512, 78.3965**.

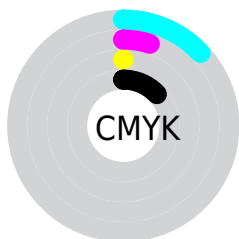
Distribution



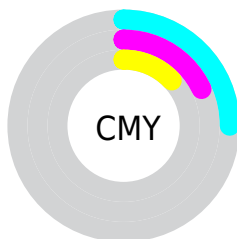
- Red (75%)
- Green (82%)
- Blue (87%)



- Red (75%)
- Yellow (80%)
- Blue (87%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5898, 62.0279, 77.3439 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 57.5898, 62.0279, 77.3439 by changing the saturation by 10% instead.

■ 57.5898, 62.0279,
77.3439

■ 57.5898, 62.0279,
77.3439

405.6342,
432.0329, 505.4045

■ 41.7209, 45.0552,
57.0219

■ 100.4517,
107.7659, 131.4023

■ 29.0730, 31.5009,
40.6134

128.1754,
137.2999, 165.9757

■ 19.2806, 20.9806,
27.6997

160.5815,
171.7900, 206.1368

■ 11.9784, 13.1098,
17.8623

198.0352,
211.6203, 252.3039

■ 6.8011, 7.5042,
10.6828

240.9020,
257.1754, 304.8957

■ 3.3832, 3.7794,
5.7425

289.5472,

■ 1.3595, 1.5509,

308.8396, 364.3307

2.6229

344.3362,
366.9973, 431.0275

■ 0.2271, 0.3242,
0.9042

■ 0.0000, 0.0000,
0.0000

■ 57.5898, 62.0279,
77.3439

■ 57.5898, 62.0279,
77.3439

■ 50.2300, 55.0004,
76.3763

■ 65.9222, 69.7512,
78.3965

■ 43.7980, 48.6375,
75.4872

■ 75.2589, 78.1847,
79.5322

■ 38.2531, 42.9166,
74.6752

■ 84.4113, 86.7205,
80.6974

■ 33.5495, 37.8107,
73.9376

■ 87.1178, 92.1335,
81.5995

■ 29.6370, 33.2905,
73.2713

■ 89.9611, 97.8200,
82.5473

■ 26.4592, 29.3234,
72.6730

■ 90.0513, 98.0005,
82.5774

■ 23.9517, 25.8726,
72.1391

■ 22.0368, 22.8942,
71.6652

■ 20.9778, 21.0735,
71.3696

Harmonies

Analogous

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



56.1733, 62.0279, 73.8662



57.5898, 62.0279, 77.3439



59.3999, 62.0279, 78.1306

Triad

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



57.5898, 62.0279, 77.3439



62.5468, 62.0279, 66.2767



56.8375, 62.0279, 59.7598

Complementary

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



57.5898, 62.0279, 77.3439



60.9263, 62.3632, 58.6963

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.



58.5137, 62.0279, 57.9486



57.5898, 62.0279, 77.3439



61.8285, 62.0279, 61.5817

Square

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



57.5898, 62.0279, 77.3439



62.2870, 62.0279, 71.5574



60.3429, 62.0279, 58.5978



55.7453, 62.0279, 63.6717

Rectangle

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



57.5898, 62.0279, 77.3439



60.5911, 62.0279, 76.9878



60.3429, 62.0279, 58.5978



57.3500, 62.0279, 58.8946

Sweetspot

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



57.5916, 62.0305, 77.3453



90.0651, 95.4538, 108.2852



58.4468, 67.2609, 66.7787



19.0824, 20.2519, 23.1532



0.0000, 0.0000, 0.0000



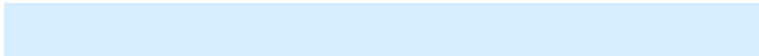
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5916, 62.0305, 77.3453



76.4500, 82.7663, 106.5539



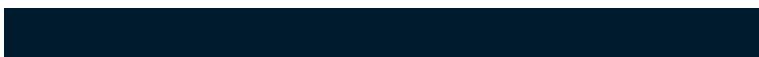
54.2831, 55.4134, 76.2424



12.9699, 13.8795, 16.6476



12.3004, 12.4702, 41.4971



0.8811, 0.9763, 2.7165

Inverse Universe

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



60.1784, 57.6761, 68.2855



80.7877, 75.6346, 91.3237



64.4316, 69.3737, 59.8647



13.3747, 13.1790, 15.2342



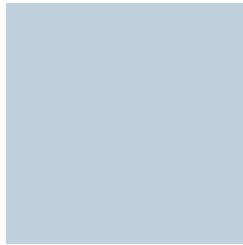
19.7040, 9.8826, 13.3531



1.3190, 0.6572, 1.0889

Previews

White Background



This preview shows how the XYZ color 57.5898, 62.0279, 77.3439 looks on a white background.

Color Contrast Check

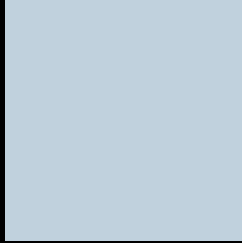
Large Text (above 18pt) WCAG AA × Fail

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 57.5898, 62.0279, 77.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

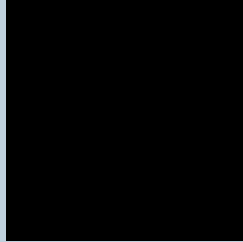
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

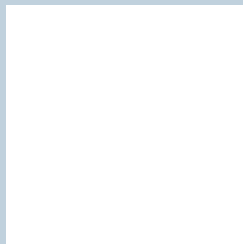
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5898, 62.0279, 77.3439

Background



This preview shows how black text looks on a background with the XYZ color 57.5898, 62.0279, 77.3439.

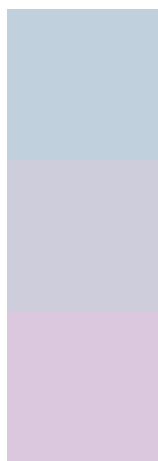


This preview shows how white text looks on a background with the XYZ color 57.5898, 62.0279,

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

57.5898, 62.0279, 77.3439

Protanopia

60.0711, 61.8989, 75.7994

Deuteranopia

63.1870, 61.6963, 78.3903



Tritanopia

58.1388, 61.8854, 80.1150

Trichromacy



Original Color

57.5898, 62.0279, 77.3439

Protanomaly

59.0770, 61.7274, 76.5110

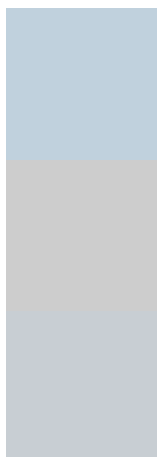
Deuteranomaly

60.8352, 61.5411, 77.7795

Tritanomaly

58.0027, 61.8310, 79.3985

Monochromacy



Original Color

57.5898, 62.0279, 77.3439

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6486, 61.1251, 70.3879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5898, 62.0279, 77.3439 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(192, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 221)  
}
```

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(192, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.5898, 62.0279, 77.3439 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(192, 209, 221) }
```


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

```
.border{ border-color:rgb(192, 209, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 209, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(192, 209,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5898, 62.0279, 77.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 221) }
```

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

```
.background{ background-color: rgb(192,  
209, 221) }
```

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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