

Converting Colors

XYZ(59.2098, 61.7806, 77.2108)

Have a look what the booklet for
XYZ(59.2098, 61.7806, 77.2108)
contains.

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Color

**XYZ(59.2098, 61.7806,
77.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CEDD
RGB	201, 206, 221
RGB Percent	79%, 81%, 87%
CMY	0.2118, 0.1921, 0.1333
CMYK	0.09, 0.07, 0.00, 0.13
HSL	225°, 23%, 83%
HSV	225°, 9%, 87%
XYZ	59.2098, 61.7806, 77.2108
YIQ	206.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

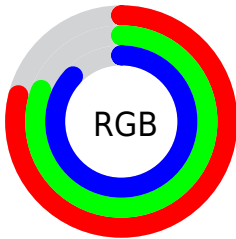
Format	Color
R _Y B	201, 205, 221
Decimal	13225693
CIE Lab	82.80, 1.18, -8.01
CIE LCh	83, 8.096, 278.376
Yxy	61.7806, 0.2987, 0.3117
Android (android.graphics.Color)	4291415773 (0xFFC9CEDD)
YUV	206.2150, 7.2890, -4.5736
Hunter-Lab	78.6006, -3.0872, -3.2212

Details

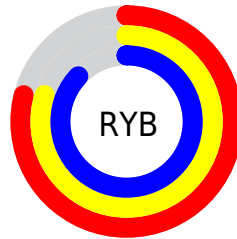
The XYZ color **59.2098, 61.7806, 77.2108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9174, 68.7002, 65.0982**, and the grayscale version is **58.7637, 61.8240, 67.3264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1438, 31.4127, 40.5509** is the 20% darker color. If you saturate the color by 10%, you get **49.9099, 51.3744, 75.6933**, and if you desaturate by 10%, it is **69.7887, 73.4739, 78.9112**.

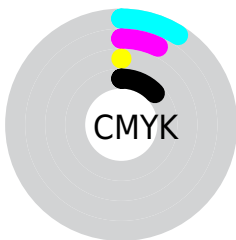
Distribution



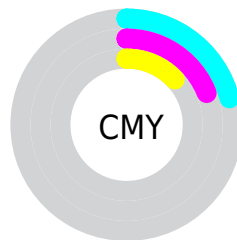
- Red (79%)
- Green (81%)
- Blue (87%)



- Red (79%)
- Yellow (80%)
- Blue (87%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2098, 61.7806, 77.2108 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 59.2098, 61.7806, 77.2108 by changing the saturation by 10% instead.

■ 59.2098, 61.7806,
77.2108

■ 59.2098, 61.7806,
77.2108

411.5605,
431.1303, 504.9392

■ 43.0291, 44.8554,
56.9133

102.7954,
107.4084, 131.2127

■ 30.1025, 31.3436,
40.5267

130.9310,
136.8798, 165.7543

■ 20.0649, 20.8606,
27.6326

163.7822,
171.3021, 205.8809

■ 12.5508, 13.0222,
17.8122

201.7144,
211.0596, 252.0111

■ 7.1948, 7.4438,
10.6472

245.0930,
256.5368, 304.5635

■ 3.6316, 3.7412,
5.7190

294.2833,

■ 1.4959, 1.5299,

308.1181, 363.9566

2.6090

349.6507,
366.1878, 430.6090

■ 0.3231, 0.3096,
0.8971

■ 0.0000, 0.0000,
0.0000

■ 59.2098, 61.7806,
77.2108

■ 59.2098, 61.7806,
77.2108

■ 49.9099, 51.3744,
75.6933

■ 69.7887, 73.4739,
78.9112

■ 41.8343, 42.2029,
74.3487

■ 81.6877, 86.4888,
80.7962

■ 34.9323, 34.2213,
73.1718

■ 90.0513, 98.0005,
82.5774

■ 29.1473, 27.3791,
72.1561

■ 24.4180, 21.6220,
71.2941

■ 20.6769, 16.8912,
70.5781

■ 17.8482, 13.1216,
69.9996

■ 15.8439, 10.2395,
69.5489

■ 14.5340, 8.1467,
69.2141

Harmonies

Analogous

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



57.4951, 61.7806, 76.5847



59.2098, 61.7806, 77.2108



60.8244, 61.7806, 75.0714

Triad

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



59.2098, 61.7806, 77.2108



61.3854, 61.7806, 61.4881



55.6620, 61.7806, 63.7955

Complementary

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



59.2098, 61.7806, 77.2108



64.9174, 68.7002, 65.0982

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.



56.6659, 61.7806, 60.0261



59.2098, 61.7806, 77.2108



59.9634, 61.7806, 58.7404

Square

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



59.2098, 61.7806, 77.2108



62.0966, 61.7806, 65.8811



58.2341, 61.7806, 58.2187



55.4692, 61.7806, 68.6754

Rectangle

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



59.2098, 61.7806, 77.2108



61.6187, 61.7806, 72.4241



58.2341, 61.7806, 58.2187



55.9148, 61.7806, 62.3637

Sweetspot

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



59.2116, 61.7832, 77.2122



90.4886, 94.9724, 108.1700



62.2964, 69.0721, 74.7899



19.1133, 20.0464, 23.1119



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.



59.2116, 61.7832, 77.2122



79.1263, 82.3697, 106.3363



59.2999, 60.0689, 76.8766



12.6020, 13.1438, 16.5250



8.4593, 4.7881, 40.2167



0.6165, 0.4470, 2.6282

Inverse Universe

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



61.8474, 61.6028, 67.0264



83.5420, 82.1094, 89.2628



64.8175, 70.5807, 65.4665



13.1890, 13.1047, 14.2565



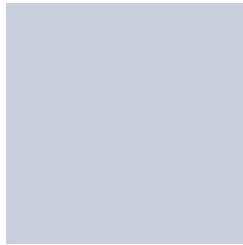
17.7652, 9.1071, 3.1437



1.1855, 0.6038, 0.3855

Previews

White Background



This preview shows how the XYZ color 59.2098, 61.7806, 77.2108 looks on a white background.

Color Contrast Check

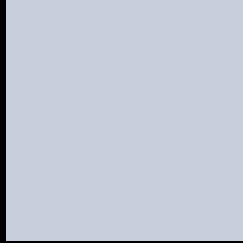
Large Text (above 18pt) WCAG AA × Fail

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 59.2098, 61.7806, 77.2108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

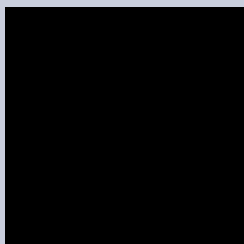
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

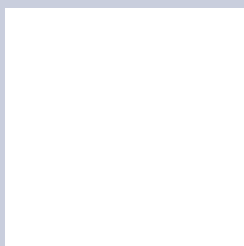
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2098, 61.7806, 77.2108

Background



This preview shows how black text looks on a background with the XYZ color 59.2098, 61.7806, 77.2108.

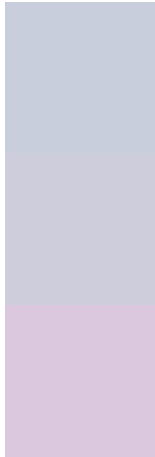


This preview shows how white text looks on a background with the XYZ color 59.2098, 61.7806,

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

59.2098, 61.7806, 77.2108

Protanopia

60.2032, 61.9518, 76.4950

Deuteranopia

63.0525, 61.6425, 77.6822



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

59.2098, 61.7806, 77.2108

Protanomaly

59.6514, 61.6673, 76.4692

Deuteranomaly

61.4567, 61.5120, 77.7411

Tritanomaly

59.3435, 61.8340, 77.9147

Monochromacy



Original Color

59.2098, 61.7806, 77.2108

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7310, 61.6831, 70.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2098, 61.7806, 77.2108 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(201, 206, 221) looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 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(201, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.2098, 61.7806, 77.2108 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(201, 206, 221) }
```


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

```
.border{ border-color:rgb(201, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2098, 61.7806, 77.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 221) }
```

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

```
.background{ background-color: rgb(201,  
206, 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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