

Converting Colors

XYZ(58.2211, 62.7061, 78.1305)

Have a look what the booklet for
XYZ(58.2211, 62.7061, 78.1305)
contains.

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Color

**XYZ(58.2237, 62.7046,
78.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D2DE
RGB	193, 210, 222
RGB Percent	76%, 82%, 87%
CMY	0.2431, 0.1765, 0.1294
CMYK	0.13, 0.05, 0.00, 0.13
HSL	205°, 31%, 81%
HSV	205°, 13%, 87%
XYZ	58.2237, 62.7046, 78.1417
YIQ	206.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

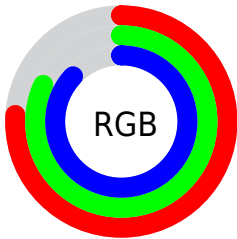
Format	Color
RYB	193, 204, 222
Decimal	12702430
CIELab	83.29, -3.32, -7.88
CIELCh	83, 8.548, 247.167
Yxy	62.7046, 0.2925, 0.3150
Android (android.graphics.Color)	4290892510 (0xFFC1D2DE)
YUV	206.2850, 7.7475, -11.6509
Hunter-Lab	79.1862, -7.3292, -3.0775

Details

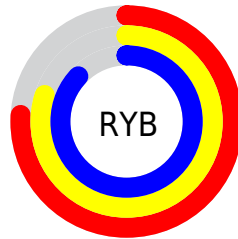
The XYZ color **58.2237, 62.7046, 78.1417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5814, 63.0421, 59.3758**, and the grayscale version is **58.8086, 61.8712, 67.3778**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **29.5110, 32.0559, 41.1912** is the 20% darker color. If you saturate the color by 10%, you get **50.7813, 55.5995, 77.1635**, and if you desaturate by 10%, it is **66.6494, 70.5131, 79.2058**.

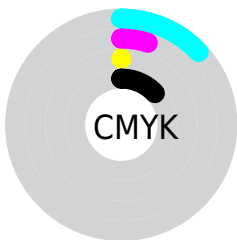
Distribution



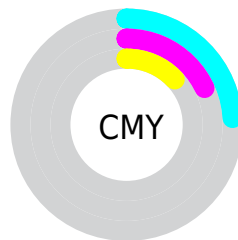
- Red (76%)
- Green (82%)
- Blue (87%)



- Red (76%)
- Yellow (80%)
- Blue (87%)



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



- Cyan (24%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2237, 62.7046, 78.1417 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 58.2237, 62.7046, 78.1417 by changing the saturation by 10% instead.

■ 58.2237, 62.7046,
78.1417

■ 58.2237, 62.7046,
78.1417

407.9594,
434.4966, 508.1886

■ 42.2325, 45.6023,
57.6732

■ 101.3696,
108.7432, 132.5375

■ 29.4753, 31.9321,
41.1331

129.2551,
138.4483, 167.3020

■ 19.5867, 21.3096,
28.1026

161.8359,
173.1231, 207.6689

■ 12.2015, 13.3505,
18.1633

199.4776,
213.1520, 254.0568

■ 6.9542, 7.6704,
10.8966

242.5454,
258.9194, 306.8841

■ 3.4796, 3.8847,
5.8841

291.4048,

■ 1.4122, 1.6093,

310.8097, 366.5695

2.7071

346.4210,
369.2073, 433.5315

■ 0.2649, 0.3639,
0.9470

■ 0.0000, 0.0000,
0.0000

■ 58.2237, 62.7046,
78.1417

■ 58.2237, 62.7046,
78.1417

■ 50.7813, 55.5995,
77.1635

■ 66.6494, 70.5131,
79.2058

■ 44.2769, 49.1662,
76.2646

■ 76.0904, 79.0398,
80.3540

■ 38.6694, 43.3820,
75.4437

■ 84.8705, 87.4250,
81.5098

■ 33.9126, 38.2197,
74.6980

■ 87.6063, 92.8967,
82.4217

■ 29.9555, 33.6494,
74.0244

■ 90.1850, 98.0540,
83.2813

■ 26.7415, 29.6384,
73.4196

■ 24.2051, 26.1494,
72.8798

■ 22.2681, 23.1381,
72.4006

■ 21.1893, 21.2826,
72.0994

Harmonies

Analogous

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



56.7980, 62.7046, 74.6421



58.2237, 62.7046, 78.1417



60.0455, 62.7046, 78.9339

Triad

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



58.2237, 62.7046, 78.1417



63.2130, 62.7046, 67.0065



57.4672, 62.7046, 60.4442

Complementary

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



58.2237, 62.7046, 78.1417



61.5814, 63.0421, 59.3758

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.



59.1544, 62.7046, 58.6210



58.2237, 62.7046, 78.1417



62.4903, 62.7046, 62.2800

Square

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



58.2237, 62.7046, 78.1417



62.9513, 62.7046, 72.3210



60.9955, 62.7046, 59.2753



56.3676, 62.7046, 64.3821

Rectangle

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



58.2237, 62.7046, 78.1417



61.2444, 62.7046, 77.7846



60.9955, 62.7046, 59.2753



57.9831, 62.7046, 59.5732

Sweetspot

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



58.2255, 62.7072, 78.1431



90.0651, 95.4538, 108.2852



59.0858, 67.9695, 67.5111



19.0824, 20.2519, 23.1532



0.0000, 0.0000, 0.0000



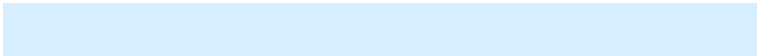
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2255, 62.7072, 78.1431



76.4499, 82.7662, 106.5539



54.8956, 56.0472, 77.0331



13.6165, 14.5721, 17.4827



12.6979, 12.8654, 42.8624



0.9678, 1.0671, 3.0002

Inverse Universe

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



60.8284, 58.3239, 69.0275



80.7877, 75.6346, 91.3237



65.1085, 70.0961, 60.5515



14.0426, 13.8347, 15.9947



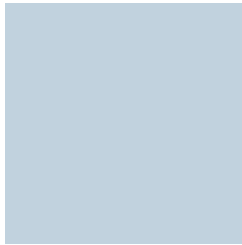
20.3495, 10.2068, 13.7723



1.4548, 0.7252, 1.1876

Previews

White Background



This preview shows how the XYZ color 58.2237, 62.7046, 78.1417 looks on a white background.

Color Contrast Check

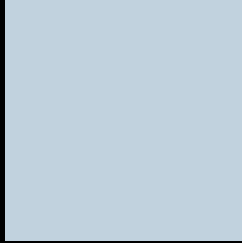
Large Text (above 18pt) WCAG AA × Fail

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 58.2237, 62.7046, 78.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

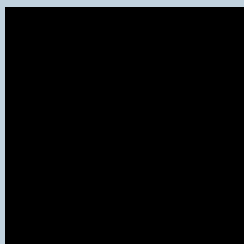
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

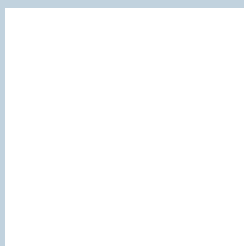
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2237, 62.7046, 78.1417

Background



This preview shows how black text looks on a background with the XYZ color 58.2237, 62.7046, 78.1417.

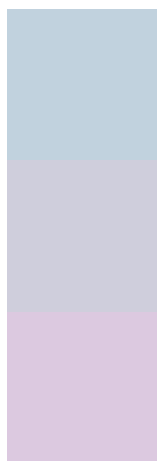


This preview shows how white text looks on a background with the XYZ color 58.2237, 62.7046,

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

58.2237, 62.7046, 78.1417

Protanopia

60.7217, 62.5753, 76.5880

Deuteranopia

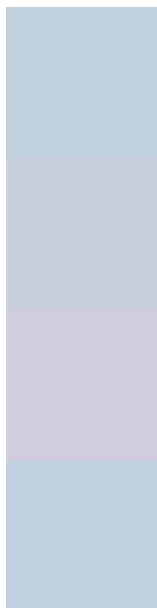
63.8564, 62.3708, 79.1942



Tritanopia

58.7761, 62.5612, 80.9292

Trichromacy



Original Color

58.2237, 62.7046, 78.1417

Protanomaly

59.7211, 62.4027, 77.3039

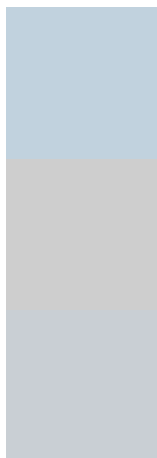
Deuteranomaly

61.4905, 62.2151, 78.5799

Tritanomaly

58.6392, 62.5065, 80.2085

Monochromacy



Original Color

58.2237, 62.7046, 78.1417

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2839, 61.7966, 71.1434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2237, 62.7046, 78.1417 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(193, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 222)  
}
```

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(193, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.2237, 62.7046, 78.1417 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(193, 210, 222) }
```


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

```
.border{ border-color:rgb(193, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2237, 62.7046, 78.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 222) }
```

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

```
.background{ background-color: rgb(193,  
210, 222) }
```

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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