

Converting Colors

XYZ(58.7947, 63.3545, 78.0082)

Have a look what the booklet for
XYZ(58.7947, 63.3545, 78.0082)
contains.

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Color

**XYZ(58.7272, 63.3318,
78.2362)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D3DE
RGB	194, 211, 222
RGB Percent	76%, 83%, 87%
CMY	0.2392, 0.1725, 0.1294
CMYK	0.13, 0.05, 0.00, 0.13
HSL	204°, 30%, 82%
HSV	204°, 13%, 87%
XYZ	58.7272, 63.3318, 78.2362
YIQ	207.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

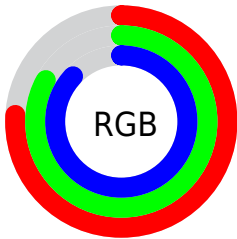
Format	Color
RYB	194, 205, 222
Decimal	12768222
CIELab	83.62, -3.52, -7.38
CIElCh	84, 8.177, 244.513
Yxy	63.3318, 0.2932, 0.3162
Android (android.graphics.Color)	4290958302 (0xFFC2D3DE)
YUV	207.1710, 7.3107, -11.5510
Hunter-Lab	79.5813, -7.5427, -2.5810

Details

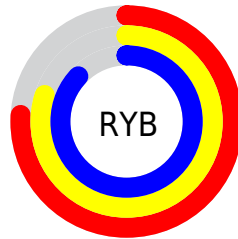
The XYZ color **58.7272, 63.3318, 78.2362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6934, 63.0869, 59.9655**, and the grayscale version is **59.3805, 62.4730, 68.0330**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.8472, 32.4794, 41.2553** is the 20% darker color. If you saturate the color by 10%, you get **51.3424, 56.3975, 77.2880**, and if you desaturate by 10%, it is **67.0844, 70.9452, 79.2663**.

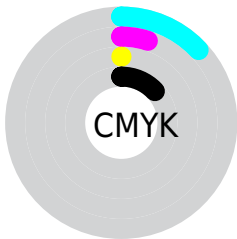
Distribution



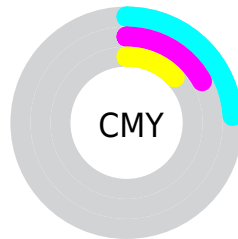
- Red (76%)
- Green (83%)
- Blue (87%)



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



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



- Cyan (24%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7272, 63.3318, 78.2362 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 58.7272, 63.3318, 78.2362 by changing the saturation by 10% instead.

■ 58.7272, 63.3318,
78.2362

■ 58.7272, 63.3318,
78.2362

409.8005,
436.7727, 508.5178

■ 42.6391, 46.1097,
57.7504

■ 102.0980,
109.6481, 132.6719

■ 29.7953, 32.3324,
41.1947

130.1113,
139.5110, 167.4590

■ 19.8306, 21.6155,
28.1504

162.8305,
174.3563, 207.8502

■ 12.3795, 13.5747,
18.1990

200.6208,
214.5684, 254.2641

■ 7.0767, 7.8254,
10.9221

243.8476,
260.5317, 307.1193

■ 3.5569, 3.9834,
5.9009

292.8762,

■ 1.4546, 1.6643,

312.6306, 366.8343

2.7171

348.0721,
371.2494, 433.8276

■ 0.2947, 0.4004,
0.9520

■ 0.0000, 0.0000,
0.0000

■ 58.7272, 63.3318,
78.2362

■ 58.7272, 63.3318,
78.2362

■ 51.3424, 56.3975,
77.2880

■ 67.0844, 70.9452,
79.2663

■ 44.8850, 50.1112,
76.4149

■ 76.4455, 79.2516,
80.3762

■ 39.3144, 44.4511,
75.6160

■ 84.7560, 87.1961,
81.4716

■ 34.5849, 39.3906,
74.8885

■ 87.3445, 92.3730,
82.3344

■ 30.6462, 34.9008,
74.2295

■ 90.0575, 97.7989,
83.2387

■ 27.4422, 30.9497,
73.6357

■ 90.1850, 98.0540,
83.2813

■ 24.9085, 27.5012,
73.1036

■ 22.9677, 24.5120,
72.6290

■ 21.8226, 22.5493,
72.3105

Harmonies

Analogous

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



57.4054, 63.3318, 74.6902



58.7272, 63.3318, 78.2362



60.4660, 63.3318, 79.2500

Triad

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



58.7272, 63.3318, 78.2362



63.6890, 63.3318, 68.1854



58.2673, 63.3318, 61.1559

Complementary

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



58.7272, 63.3318, 78.2362



61.6934, 63.0869, 59.9655

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.



59.9247, 63.3318, 59.5973



58.7272, 63.3318, 78.2362



63.0735, 63.3318, 63.5260

Square

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



58.7272, 63.3318, 78.2362



63.3531, 63.3318, 73.2832



61.6870, 63.3318, 60.4432



57.1435, 63.3318, 64.8056

Rectangle

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



58.7272, 63.3318, 78.2362



61.6332, 63.3318, 78.3131



61.6870, 63.3318, 60.4432



58.7793, 63.3318, 60.3785

Sweetspot

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



58.7291, 63.3344, 78.2376



90.1317, 95.5871, 108.3074



59.3577, 68.1079, 67.6077



19.0993, 20.2856, 23.1588



0.0000, 0.0000, 0.0000



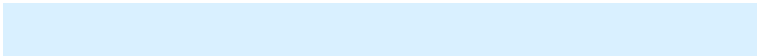
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7291, 63.3344, 78.2376



77.7445, 84.2403, 106.7702



55.4609, 56.7982, 77.1482



13.6412, 14.6215, 17.4909



13.0732, 13.6160, 42.9875



0.9926, 1.1167, 3.0085

Inverse Universe

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



61.1753, 58.8176, 69.7597



81.7133, 77.0469, 92.9853



65.1248, 69.9497, 61.1093



14.0551, 13.8397, 16.0603



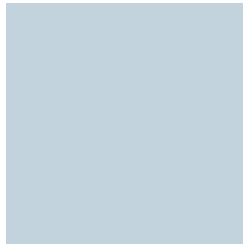
20.5389, 10.2826, 14.7697



1.4673, 0.7302, 1.2535

Previews

White Background



This preview shows how the XYZ color 58.7272, 63.3318, 78.2362 looks on a white background.

Color Contrast Check

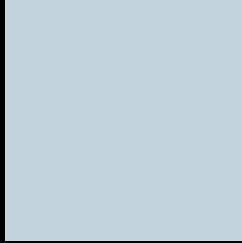
Large Text (above 18pt) WCAG AA × Fail

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 58.7272, 63.3318, 78.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

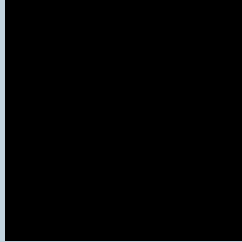
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

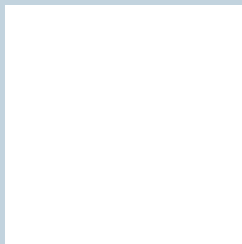
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7272, 63.3318, 78.2362

Background



This preview shows how black text looks on a background with the XYZ color 58.7272, 63.3318, 78.2362.



This preview shows how white text looks on a background with the XYZ color 58.7272, 63.3318,

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

58.7272, 63.3318, 78.2362

Protanopia

61.5256, 63.3483, 76.6948

Deuteranopia

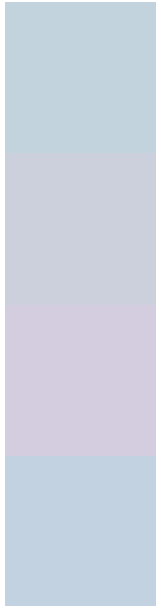
64.3939, 62.9950, 79.2863



Tritanopia

59.4174, 63.2413, 81.7482

Trichromacy



Original Color

58.7272, 63.3318, 78.2362

Protanomaly

60.5089, 63.1696, 77.4104

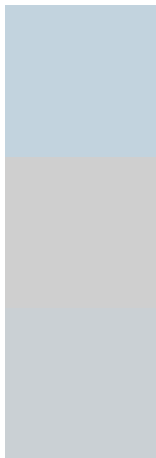
Deuteranomaly

62.0146, 62.8392, 78.6727

Tritanomaly

59.1429, 63.1315, 80.3026

Monochromacy



Original Color

58.7272, 63.3318, 78.2362

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7967, 62.4218, 71.2370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7272, 63.3318, 78.2362 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, 211, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 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(194, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.7272, 63.3318, 78.2362 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, 211, 222) }
```


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

```
.border{ border-color:rgb(194, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7272, 63.3318, 78.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 222) }
```

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

```
.background{ background-color: rgb(194,  
211, 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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