

Converting Colors

XYZ(62.0786, 67.8669, 78.8296)

Have a look what the booklet for
XYZ(62.0786, 67.8669, 78.8296)
contains.

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Color

**XYZ(62.0756, 67.6961,
78.9022)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DADE
RGB	200, 218, 222
RGB Percent	78%, 85%, 87%
CMY	0.2157, 0.1451, 0.1294
CMYK	0.10, 0.02, 0.00, 0.13
HSL	191°, 25%, 83%
HSV	191°, 10%, 87%
XYZ	62.0756, 67.6961, 78.9022
YIQ	213.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

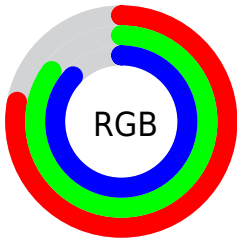
Format	Color
R _Y B	200, 210, 222
Decimal	13163230
CIE Lab	85.85, -5.22, -4.03
CIE LCh	86, 6.594, 217.678
Yxy	67.6961, 0.2975, 0.3244
Android (android.graphics.Color)	4291353310 (0xFFC8DADE)
YUV	213.0740, 4.4005, -11.4659
Hunter-Lab	82.2776, -9.3139, 0.7367

Details

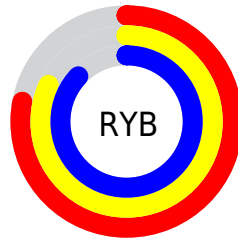
The XYZ color **62.0756, 67.6961, 78.9022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1427, 62.8850, 63.5073**, and the grayscale version is **63.2742, 66.5694, 72.4940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9263, 35.0954, 41.6506** is the 20% darker color. If you saturate the color by 10%, you get **55.5390, 62.7944, 78.3016**, and if you desaturate by 10%, it is **69.5024, 73.0982, 79.5545**.

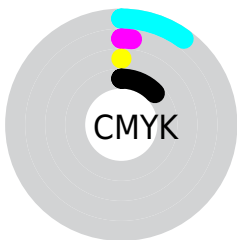
Distribution



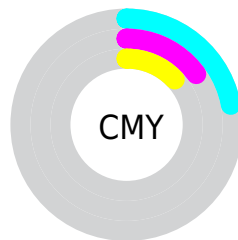
- Red (78%)
- Green (85%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0756, 67.6961, 78.9022 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 62.0756, 67.6961, 78.9022 by changing the saturation by 10% instead.

■ 62.0756, 67.6961,
78.9022

■ 62.0756, 67.6961,
78.9022

421.9200,
452.4185, 510.8343

■ 45.3496, 49.6505,
58.2946

106.9241,
115.9173, 133.6186

■ 31.9353, 35.1358,
41.6292

135.7773,
146.8617, 168.5644

■ 21.4674, 23.7675,
28.4877

169.4037,
182.8745, 209.1267

■ 13.5805, 15.1612,
18.4514

208.1686,
224.3401, 255.7240

■ 7.9092, 8.9326,
11.1017

252.4373,
271.6430, 308.7749

■ 4.0882, 4.6973,
6.0203

302.5752,

■ 1.7522, 2.0708,

325.1674, 368.6979

2.7884

358.9476,
385.2978, 435.9115

■ 0.4886, 0.6481,
0.9876

■ 0.0000, 0.0000,
0.0000

■ 62.0756, 67.6961,
78.9022

■ 62.0756, 67.6961,
78.9022

■ 55.5390, 62.7944,
78.3016

■ 69.5024, 73.0982,
79.5545

■ 49.8498, 58.3652,
77.7466

■ 77.8486, 79.0104,
80.2558

■ 44.9700, 54.3905,
77.2366

■ 82.7508, 83.1856,
80.8033

■ 40.8566, 50.8479,
76.7696

■ 83.8869, 85.4577,
81.1820

■ 37.4624, 47.7128,
76.3434

■ 85.0491, 87.7822,
81.5694

■ 34.7349, 44.9578,
75.9553

■ 86.2377, 90.1593,
81.9656

■ 32.6142, 42.5518,
75.6027

■ 87.4527, 92.5893,
82.3706

■ 31.0291, 40.4578,
75.2821

■ 88.6944, 95.0727,
82.7845

■ 29.8556, 38.6115,
74.9875

■ 89.9628, 97.6097,
83.2073

Harmonies

Analogous

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



61.5123, 67.6961, 74.8245



62.0756, 67.6961, 78.9022



63.2482, 67.6961, 81.6607

Triad

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



62.0756, 67.6961, 78.9022



67.0626, 67.6961, 76.9084



63.9565, 67.6961, 65.7830

Complementary

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



62.0756, 67.6961, 78.9022



62.1427, 62.8850, 63.5073

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.



65.4506, 67.6961, 66.2921



62.0756, 67.6961, 78.9022



67.2594, 67.6961, 72.6057

Square

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



62.0756, 67.6961, 78.9022



66.1316, 67.6961, 80.4786



66.6652, 67.6961, 68.7499



62.5872, 67.6961, 67.3311

Rectangle

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



62.0756, 67.6961, 78.9022



64.2257, 67.6961, 82.3213



66.6652, 67.6961, 68.7499



64.4606, 67.6961, 65.7203

Sweetspot

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



62.0776, 67.6989, 78.9037



91.8496, 97.6943, 108.6236



60.8009, 68.8667, 67.0064



19.4806, 20.7810, 23.2343



0.0000, 0.0000, 0.0000



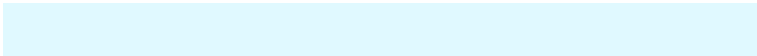
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0776, 67.6989, 78.9037



82.9267, 91.1556, 107.8318



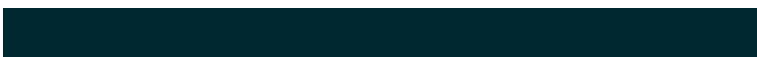
59.3989, 62.3417, 78.0108



13.8938, 15.1266, 17.5751



17.8026, 23.0748, 44.5639



1.2898, 1.7111, 3.1075

Inverse Universe

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



63.4349, 61.9014, 74.9378



85.1711, 81.6537, 101.2553



64.7662, 68.1321, 64.3819



14.1826, 13.8907, 16.7317



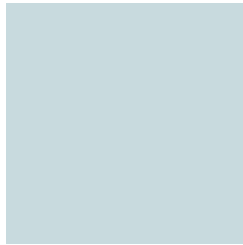
22.9261, 11.2375, 27.3405



1.6173, 0.7902, 2.0435

Previews

White Background



This preview shows how the XYZ color 62.0756, 67.6961, 78.9022 looks on a white background.

Color Contrast Check

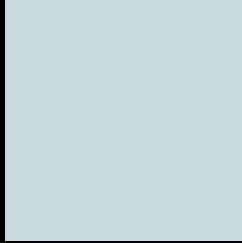
Large Text (above 18pt) WCAG AA × Fail

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 62.0756, 67.6961, 78.9022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

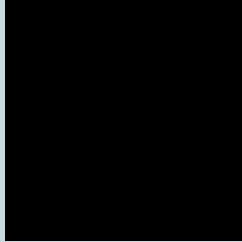
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

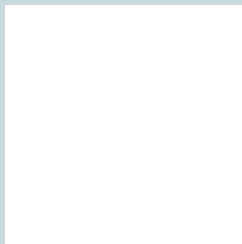
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0756, 67.6961, 78.9022

Background



This preview shows how black text looks on a background with the XYZ color 62.0756, 67.6961, 78.9022.

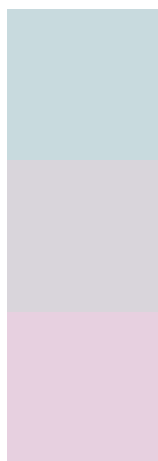


This preview shows how white text looks on a background with the XYZ color 62.0756, 67.6961,

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

62.0756, 67.6961, 78.9022

Protanopia

65.1957, 67.4547, 76.6017

Deuteranopia

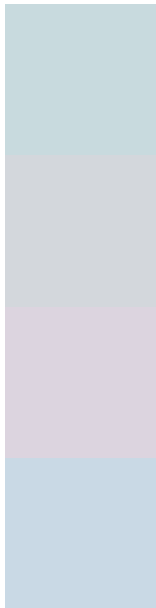
68.9654, 67.4825, 79.9116



Tritanopia

63.6210, 67.5515, 86.7763

Trichromacy



Original Color

62.0756, 67.6961, 78.9022

Protanomaly

64.0827, 67.6171, 77.3840

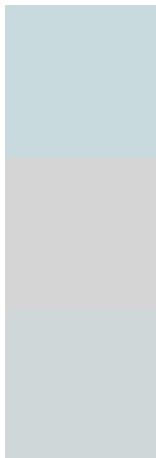
Deuteranomaly

66.3780, 67.6303, 79.3675

Tritanomaly

63.0431, 67.7004, 83.8735

Monochromacy



Original Color

62.0756, 67.6961, 78.9022

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7075, 66.9686, 74.5869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0756, 67.6961, 78.9022 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(200, 218, 222) looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 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(200, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.0756, 67.6961, 78.9022 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(200, 218, 222) }
```


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

```
.border{ border-color:rgb(200, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0756, 67.6961, 78.9022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 222) }
```

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

```
.background{ background-color: rgb(200,  
218, 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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