

Converting Colors

XYZ(62.4860, 68.5543, 79.8597)

Have a look what the booklet for
XYZ(62.4860, 68.5543, 79.8597)
contains.

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Color

**XYZ(62.4657, 68.6562,
79.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DCDF
RGB	199, 220, 223
RGB Percent	78%, 86%, 87%
CMY	0.2196, 0.1372, 0.1255
CMYK	0.11, 0.01, 0.00, 0.13
HSL	187°, 27%, 83%
HSV	187°, 11%, 87%
XYZ	62.4657, 68.6562, 79.7717
YIQ	214.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

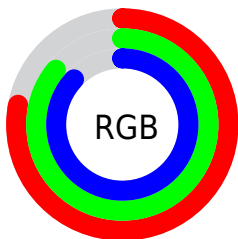
Format	Color
RYB	199, 210, 223
Decimal	13098207
CIELab	86.33, -6.38, -3.86
CIELCh	86, 7.456, 211.194
Yxy	68.6562, 0.2962, 0.3255
Android (android.graphics.Color)	4291288287 (0xFFC7DCDF)
YUV	214.0630, 4.4059, -13.2103
Hunter-Lab	82.8590, -10.4359, 0.9205

Details

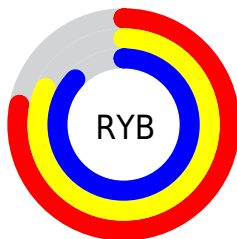
The XYZ color **62.4657, 68.6562, 79.7717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8612, 62.0524, 62.7510**, and the grayscale version is **63.9383, 67.2681, 73.2550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2001, 35.7572, 42.2505** is the 20% darker color. If you saturate the color by 10%, you get **56.2528, 64.3792, 79.2747**, and if you desaturate by 10%, it is **69.5618, 73.4103, 80.3164**.

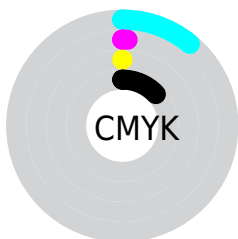
Distribution



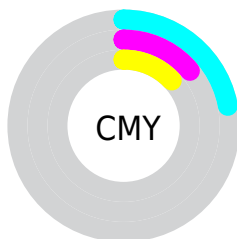
- Red (78%)
- Green (86%)
- Blue (87%)



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



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4657, 68.6562, 79.7717 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 62.4657, 68.6562, 79.7717 by changing the saturation by 10% instead.

■ 62.4657, 68.6562,
79.7717

■ 62.4657, 68.6562,
79.7717

423.3183,
455.8175, 513.8496

■ 45.6661, 50.4318,
59.0054

107.4845,
117.2904, 134.8532

■ 32.1859, 35.7566,
42.1975

136.4344,
148.4689, 170.0055

■ 21.6598, 24.2463,
28.9292

170.1651,
184.7343, 210.7903

■ 13.7223, 15.5164,
18.7822

209.0420,
226.4709, 257.6260

■ 8.0082, 9.1826,
11.3378

253.4304,
274.0631, 310.9313

■ 4.1521, 4.8605,
6.1775

303.6957,

■ 1.7885, 2.1656,

327.8954, 371.1246

2.8828

360.2032,
388.3520, 438.6245

■ 0.5107, 0.7012,
1.0351

■ 0.0000, 0.0000,
0.0000

■ 62.4657, 68.6562,
79.7717

■ 62.4657, 68.6562,
79.7717

■ 56.2528, 64.3792,
79.2747

■ 69.5618, 73.4103,
80.3164

■ 50.8795, 60.5512,
78.8190

■ 77.5705, 78.6511,
80.9059

■ 46.3074, 57.1541,
78.4043

■ 82.4016, 82.2721,
81.3502

■ 42.4929, 54.1654,
78.0285

■ 83.1755, 83.8198,
81.6081

39.3879, 51.5602,
77.6892

83.9617, 85.3923,
81.8702

36.9390, 49.3108,
77.3841

84.7605, 86.9897,
82.1364

35.0848, 47.3856,
77.1103

85.5717, 88.6122,
82.4069

33.7523, 45.7468,
76.8642

86.3955, 90.2598,
82.6815

32.8694, 44.4277,
76.6561

87.2319, 91.9327,
82.9603

Harmonies

Analogous

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



62.0028, 68.6562, 74.9526



62.4657, 68.6562, 79.7717



63.6741, 68.6562, 83.3706

Triad

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



62.4657, 68.6562, 79.7717



68.1985, 68.6562, 79.4150



65.1867, 68.6562, 65.6746

Complementary

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



62.4657, 68.6562, 79.7717



61.8612, 62.0524, 62.7510

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.



66.8632, 68.6562, 66.7543



62.4657, 68.6562, 79.7717



68.6203, 68.6562, 74.5576

Square

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



62.4657, 68.6562, 79.7717



66.9846, 68.6562, 83.1584



68.1275, 68.6562, 69.9530



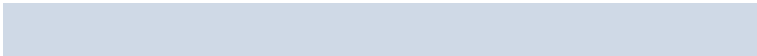
63.5567, 68.6562, 66.9376

Rectangle

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



62.4657, 68.6562, 79.7717



64.7504, 68.6562, 84.5169



68.1275, 68.6562, 69.9530



65.7636, 68.6562, 65.7752

Sweetspot

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



62.4677, 68.6591, 79.7732



91.9873, 97.9699, 108.6696



60.5791, 69.1735, 65.9133



19.5180, 20.8556, 23.2468



0.0000, 0.0000, 0.0000



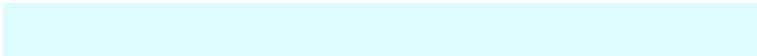
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4677, 68.6591, 79.7732



82.5819, 91.6332, 107.9422



59.4784, 62.6805, 78.7768



13.9629, 15.2649, 17.5982



19.3837, 26.2369, 45.0910



1.3851, 1.9016, 3.1393

Inverse Universe

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



63.7747, 61.7036, 76.2621



84.7121, 80.3791, 102.2015



64.7374, 67.8047, 63.7097



14.2175, 13.9046, 16.9155



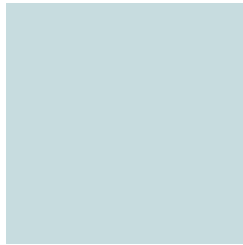
23.7242, 11.5567, 31.5430



1.6654, 0.8094, 2.2967

Previews

White Background



This preview shows how the XYZ color 62.4657, 68.6562, 79.7717 looks on a white background.

Color Contrast Check

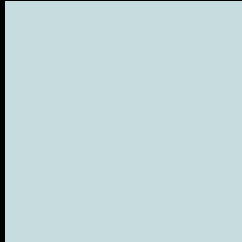
Large Text (above 18pt) WCAG AA × Fail

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 62.4657, 68.6562, 79.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

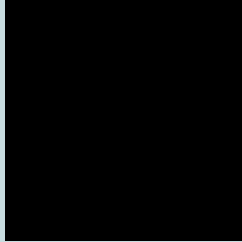
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

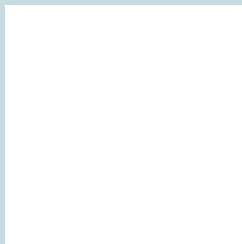
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4657, 68.6562, 79.7717

Background



This preview shows how black text looks on a background with the XYZ color 62.4657, 68.6562, 79.7717.



This preview shows how white text looks on a background with the XYZ color 62.4657, 68.6562,

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

62.4657, 68.6562, 79.7717

Protanopia

66.1321, 68.6736, 77.4799

Deuteranopia

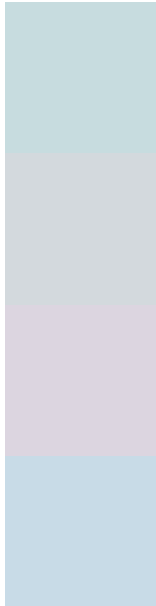
69.6698, 68.1930, 80.7247



Tritanopia

64.1542, 68.5585, 88.4491

Trichromacy



Original Color

62.4657, 68.6562, 79.7717

Protanomaly

64.7280, 68.6951, 78.2546

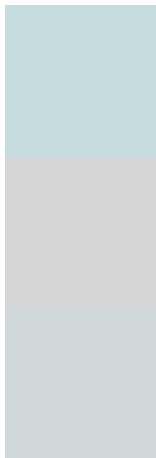
Deuteranomaly

66.7640, 68.1860, 80.1634

Tritanomaly

63.5747, 68.7119, 85.5133

Monochromacy



Original Color

62.4657, 68.6562, 79.7717

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3747, 67.6768, 75.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4657, 68.6562, 79.7717 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(199, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(199, 220, 223)  
}
```

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(199, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.4657, 68.6562, 79.7717 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(199, 220, 223) }
```


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

```
.border{ border-color:rgb(199, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(199, 220,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4657, 68.6562, 79.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 220, 223) }
```

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

```
.background{ background-color: rgb(199,  
220, 223) }
```

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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