

Converting Colors

XYZ(62.4327, 65.9842, 78.5529)

Have a look what the booklet for
XYZ(62.4327, 65.9842, 78.5529)
contains.

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Color

**XYZ(62.4327, 65.9842,
78.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5DE
RGB	206, 213, 222
RGB Percent	81%, 84%, 87%
CMY	0.1921, 0.1647, 0.1294
CMYK	0.07, 0.04, 0.00, 0.13
HSL	214°, 20%, 84%
HSV	214°, 7%, 87%
XYZ	62.4327, 65.9842, 78.5529
YIQ	211.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

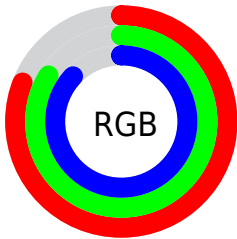
Format	Color
R _Y B	206, 211, 222
Decimal	13555166
CIE Lab	84.99, -0.66, -5.26
CIE LCh	85, 5.299, 262.884
Yxy	65.9842, 0.3017, 0.3188
Android (android.graphics.Color)	4291745246 (0xFFCED5DE)
YUV	211.9330, 4.9630, -5.2032
Hunter-Lab	81.2307, -4.9612, -0.4741

Details

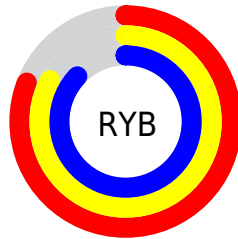
The XYZ color **62.4327, 65.9842, 78.5529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5656, 68.5864, 68.1766**, and the grayscale version is **62.5078, 65.7631, 71.6160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1508, 33.9191, 41.4117** is the 20% darker color. If you saturate the color by 10%, you get **53.6800, 56.9903, 77.2792**, and if you desaturate by 10%, it is **72.3015, 75.9158, 79.9508**.

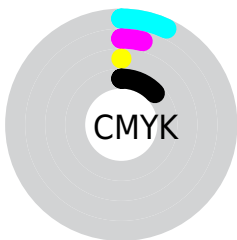
Distribution



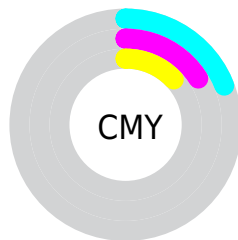
- Red (81%)
- Green (84%)
- Blue (87%)



- Red (81%)
- Yellow (83%)
- Blue (87%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4327, 65.9842, 78.5529 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 62.4327, 65.9842, 78.5529 by changing the saturation by 10% instead.

■ 62.4327, 65.9842,
78.5529

■ 62.4327, 65.9842,
78.5529

423.2001,
446.3204, 509.6201

■ 45.6393, 48.2596,
58.0091

107.4371,
113.4637, 133.1222

■ 32.1647, 34.0325,
41.4012

136.3788,
143.9873, 167.9848

■ 21.6435, 22.9186,
28.3107

170.1007,
179.5460, 208.4575

■ 13.7103, 14.5334,
18.3189

208.9681,
220.5243, 254.9587

■ 7.9998, 8.4926,
11.0074

253.3464,
267.3065, 307.9070

■ 4.1466, 4.4117,
5.9576

303.6009,

■ 1.7854, 1.9064,

320.2769, 367.7210

2.7509

360.0971,
379.8201, 434.8192

■ 0.5089, 0.5522,
0.9689

■ 0.0000, 0.0000,
0.0000

■ 62.4327, 65.9842,
78.5529

■ 62.4327, 65.9842,
78.5529

■ 53.6800, 56.9903,
77.2792

■ 72.3015, 75.9158,
79.9508

■ 45.9958, 48.8963,
76.1219

■ 83.3200, 86.8050,
81.4719

■ 39.3378, 41.6738,
75.0788

■ 88.7522, 95.1884,
82.8037

■ 33.6580, 35.2895,
74.1458

■ 90.1850, 98.0540,
83.2813

■ 28.9048, 29.7076,
73.3189

■ 25.0210, 24.8895,
72.5937

■ 21.9427, 20.7923,
71.9651

■ 19.5954, 17.3674,
71.4277

■ 17.8827, 14.5543,
70.9750

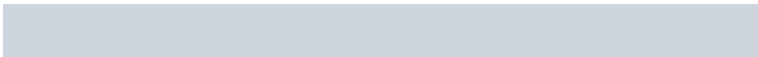
Harmonies

Analogous

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



61.3441, 65.9842, 77.2040



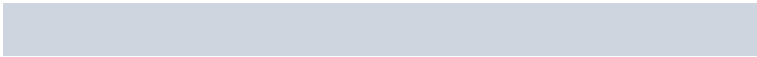
62.4327, 65.9842, 78.5529



63.6108, 65.9842, 78.0597

Triad

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



62.4327, 65.9842, 78.5529



64.8498, 65.9842, 69.3250



60.9073, 65.9842, 67.9597

Complementary

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



62.4327, 65.9842, 78.5529



65.5656, 68.5864, 68.1766

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.



61.8296, 65.9842, 65.9704



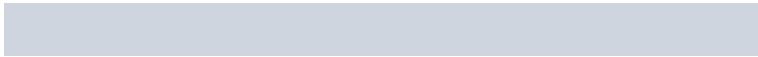
62.4327, 65.9842, 78.5529



64.1082, 65.9842, 66.7410

Square

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



62.4327, 65.9842, 78.5529



65.0162, 65.9842, 72.6612



63.0002, 65.9842, 65.5314



60.4707, 65.9842, 71.0361

Rectangle

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



62.4327, 65.9842, 78.5529



64.2875, 65.9842, 76.7598



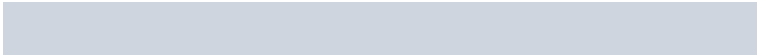
63.0002, 65.9842, 65.5314



61.1703, 65.9842, 67.1457

Sweetspot

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



62.4346, 65.9870, 78.5544



92.2904, 97.2294, 108.5107



63.8161, 70.2615, 74.3548



19.7829, 20.8402, 23.2298



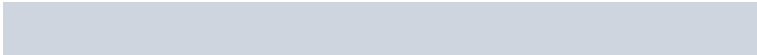
0.0000, 0.0000, 0.0000



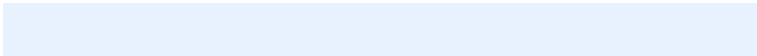
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4346, 65.9870, 78.5544



83.1253, 87.9449, 107.2016



60.9336, 62.6545, 77.9902



13.4432, 14.2254, 17.4249



10.4862, 8.4419, 42.1251



0.8148, 0.7611, 2.9492

Inverse Universe

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



64.2073, 64.4777, 72.0153



86.1520, 85.4179, 96.0257



67.1427, 72.1034, 68.7724



13.9552, 13.7997, 15.5340



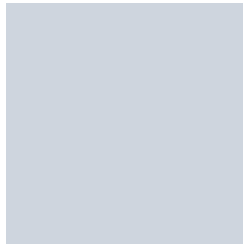
19.2331, 9.7603, 7.8934



1.3775, 0.6943, 0.7809

Previews

White Background



This preview shows how the XYZ color 62.4327, 65.9842, 78.5529 looks on a white background.

Color Contrast Check

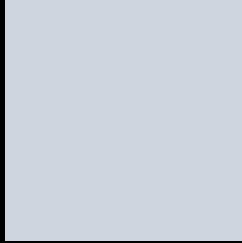
Large Text (above 18pt) WCAG AA × Fail

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 62.4327, 65.9842, 78.5529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

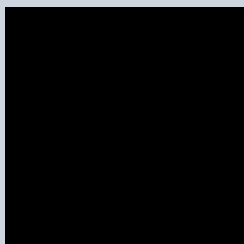
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

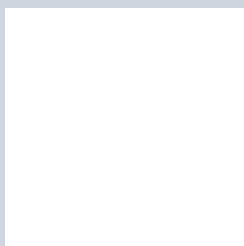
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4327, 65.9842, 78.5529

Background



This preview shows how black text looks on a background with the XYZ color 62.4327, 65.9842, 78.5529.

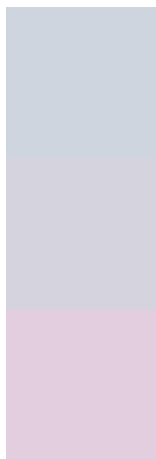


This preview shows how white text looks on a background with the XYZ color 62.4327, 65.9842,

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

62.4327, 65.9842, 78.5529

Protanopia

63.7860, 65.9551, 77.7753

Deuteranopia

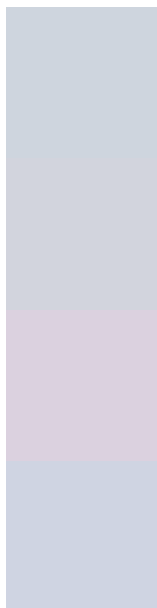
67.0691, 65.8012, 78.9780



Tritanopia

63.4185, 66.0095, 83.5273

Trichromacy



Original Color

62.4327, 65.9842, 78.5529

Protanomaly

63.1730, 66.0091, 77.8181

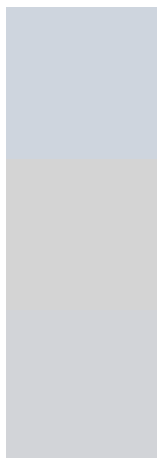
Deuteranomaly

65.3332, 65.9887, 79.1057

Tritanomaly

63.0031, 65.8434, 81.3399

Monochromacy



Original Color

62.4327, 65.9842, 78.5529

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5165, 65.7465, 74.3611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4327, 65.9842, 78.5529 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(206, 213, 222) looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 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(206, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.4327, 65.9842, 78.5529 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(206, 213, 222) }
```


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

```
.border{ border-color:rgb(206, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4327, 65.9842, 78.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 222) }
```

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

```
.background{ background-color: rgb(206,  
213, 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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