

Converting Colors

XYZ(60.8554, 64.4507, 78.4374)

Have a look what the booklet for
XYZ(60.8554, 64.4507, 78.4374)
contains.

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Color

**XYZ(60.8362, 64.4190,
78.3349)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3DE
RGB	202, 211, 222
RGB Percent	79%, 83%, 87%
CMY	0.2078, 0.1725, 0.1294
CMYK	0.09, 0.05, 0.00, 0.13
HSL	213°, 23%, 83%
HSV	213°, 9%, 87%
XYZ	60.8362, 64.4190, 78.3349
YIQ	209.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

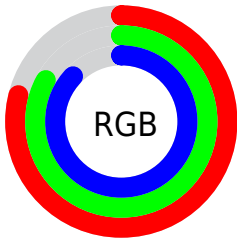
Format	Color
R _Y B	202, 208, 222
Decimal	13292510
CIE Lab	84.18, -0.92, -6.48
CIE LCh	84, 6.545, 261.886
Yxy	64.4190, 0.2988, 0.3164
Android (android.graphics.Color)	4291482590 (0xFFCAD3DE)
YUV	209.5630, 6.1314, -6.6328
Hunter-Lab	80.2614, -5.1589, -1.6838

Details

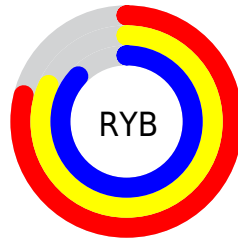
The XYZ color **60.8362, 64.4190, 78.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5794, 67.3819, 65.4806**, and the grayscale version is **60.9390, 64.1126, 69.8186**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2448, 33.1999, 41.3207** is the 20% darker color. If you saturate the color by 10%, you get **52.3383, 55.7075, 77.1023**, and if you desaturate by 10%, it is **70.4323, 74.0420, 79.6876**.

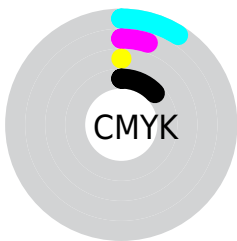
Distribution



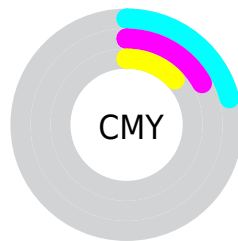
- Red (79%)
- Green (83%)
- Blue (87%)



- Red (79%)
- Yellow (82%)
- Blue (87%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8362, 64.4190, 78.3349 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 60.8362, 64.4190, 78.3349 by changing the saturation by 10% instead.

■ 60.8362, 64.4190,
78.3349

■ 60.8362, 64.4190,
78.3349

417.4587,
440.7012, 508.8615

■ 44.3450, 46.9901,
57.8310

105.1412,
111.2141, 132.8123

■ 31.1409, 33.0278,
41.2590

133.6857,
141.3492, 167.6229

■ 20.8585, 22.1478,
28.2003

166.9787,
176.4884, 208.0395

■ 13.1325, 13.9655,
18.2364

205.3856,
217.0163, 254.4807

■ 7.5975, 8.0967,
10.9486

249.2717,
263.3170, 307.3649

■ 3.8881, 4.1569,
5.9186

299.0023,

■ 1.6390, 1.7617,

315.7752, 367.1107

2.7276

354.9429,
374.7751, 434.1367

■ 0.4176, 0.4631,
0.9573

■ 0.0000, 0.0000,
0.0000

■ 60.8362, 64.4190,
78.3349

■ 60.8362, 64.4190,
78.3349

■ 52.3383, 55.7075,
77.1023

■ 70.4323, 74.0420,
79.6876

■ 44.8911, 47.8703,
75.9821

■ 81.1604, 84.5960,
81.1592

■ 38.4519, 40.8793,
74.9721

■ 87.8771, 93.4382,
82.5120

■ 32.9727, 34.7016,
74.0684

■ 90.1850, 98.0540,
83.2813

■ 28.4013, 29.3018,
73.2671

■ 24.6799, 24.6415,
72.5637

■ 21.7435, 20.6779,
71.9534

■ 19.5157, 17.3620,
71.4308

■ 17.8803, 14.6237,
70.9885

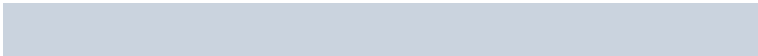
Harmonies

Analogous

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



59.5259, 64.4190, 76.6037



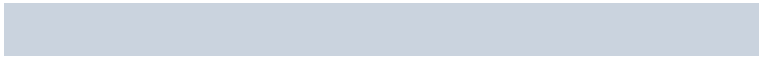
60.8362, 64.4190, 78.3349



62.2720, 64.4190, 77.8034

Triad

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



60.8362, 64.4190, 78.3349



63.8483, 64.4190, 67.2109



59.0638, 64.4190, 65.3340

Complementary

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



60.8362, 64.4190, 78.3349



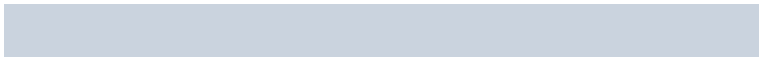
64.5794, 67.3819, 65.4806

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.



60.1964, 64.4190, 62.9996



60.8362, 64.4190, 78.3349



62.9629, 64.4190, 64.0531

Square

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



60.8362, 64.4190, 78.3349



64.0262, 64.4190, 71.2728



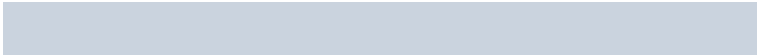
61.6221, 64.4190, 62.5400



58.5132, 64.4190, 69.0219

Rectangle

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



60.8362, 64.4190, 78.3349



63.1060, 64.4190, 76.2465



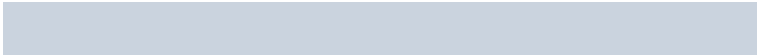
61.6221, 64.4190, 62.5400



59.3882, 64.4190, 64.3711

Sweetspot

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



60.8381, 64.4217, 78.3363



90.9641, 95.9234, 108.3285



62.4474, 69.5874, 72.8706



19.2414, 20.3025, 23.1546



0.0000, 0.0000, 0.0000



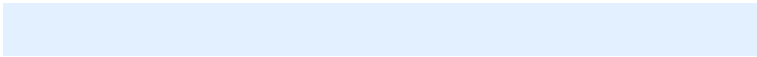
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8381, 64.4217, 78.3363



80.7484, 85.6141, 106.8770



58.8444, 60.1660, 77.6200



13.4576, 14.2543, 17.4297



10.6423, 8.7542, 42.1772



0.8261, 0.7837, 2.9530

Inverse Universe

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



63.0041, 62.4751, 70.3694



84.3608, 82.4370, 93.5745



66.7033, 71.9324, 66.2470



13.9624, 13.8026, 15.5723



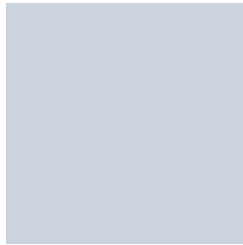
19.3119, 9.7918, 8.3084



1.3832, 0.6966, 0.8110

Previews

White Background



This preview shows how the XYZ color 60.8362, 64.4190, 78.3349 looks on a white background.

Color Contrast Check

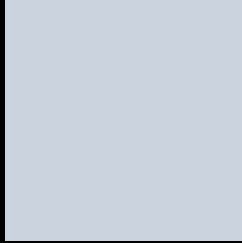
Large Text (above 18pt) WCAG AA × Fail

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 60.8362, 64.4190, 78.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

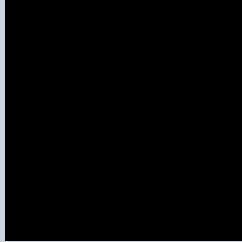
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

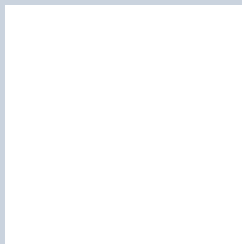
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8362, 64.4190, 78.3349

Background



This preview shows how black text looks on a background with the XYZ color 60.8362, 64.4190, 78.3349.

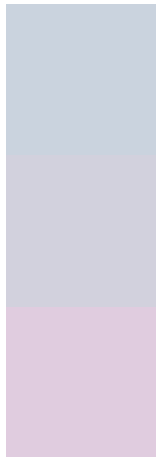


This preview shows how white text looks on a background with the XYZ color 60.8362, 64.4190,

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

60.8362, 64.4190, 78.3349

Protanopia

62.4300, 64.5230, 77.5704

Deuteranopia

65.6526, 64.3607, 78.7746



Tritanopia

61.5403, 64.3357, 81.8476

Trichromacy



Original Color

60.8362, 64.4190, 78.3349

Protanomaly

61.8299, 64.5790, 77.6128

Deuteranomaly

63.9510, 64.5523, 78.9013

Tritanomaly

61.2658, 64.2259, 80.4020

Monochromacy



Original Color

60.8362, 64.4190, 78.3349

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9163, 64.2136, 72.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8362, 64.4190, 78.3349 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(202, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.8362, 64.4190, 78.3349 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(202, 211, 222) }
```


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

```
.border{ border-color:rgb(202, 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(202, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8362, 64.4190, 78.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 222) }
```

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

```
.background{ background-color: rgb(202,  
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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