

Converting Colors

XYZ(61.3671, 64.3590, 82.6185)

Have a look what the booklet for
XYZ(61.3671, 64.3590, 82.6185)
contains.

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Color

**XYZ(61.4073, 64.2512,
82.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD2E4
RGB	202, 210, 228
RGB Percent	79%, 82%, 89%
CMY	0.2078, 0.1765, 0.1059
CMYK	0.11, 0.08, 0.00, 0.11
HSL	222°, 33%, 84%
HSV	222°, 11%, 89%
XYZ	61.4073, 64.2512, 82.5640
YIQ	209.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

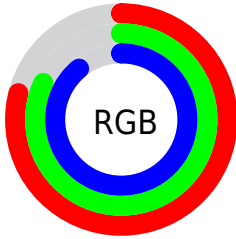
Format	Color
R _Y B	202, 208, 228
Decimal	13292260
CIE Lab	84.10, 0.80, -9.80
CIE LCh	84, 9.831, 274.642
Yxy	64.2512, 0.2949, 0.3086
Android (android.graphics.Color)	4291482340 (0xFFCAD2E4)
YUV	209.6600, 9.0416, -6.7178
Hunter-Lab	80.1568, -3.5275, -4.9607

Details

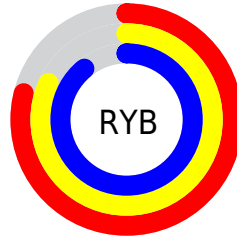
The XYZ color **61.4073, 64.2512, 82.5640** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2491, 71.9442, 66.1678**, and the grayscale version is **60.9849, 64.1608, 69.8711**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6440, 33.0900, 44.2543** is the 20% darker color. If you saturate the color by 10%, you get **51.9823, 53.8921, 81.0623**, and if you desaturate by 10%, it is **72.1319, 75.8541, 84.2394**.

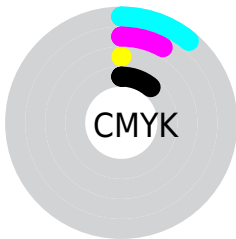
Distribution



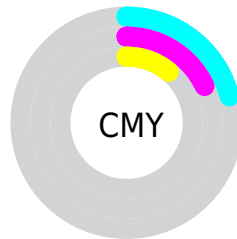
- Red (79%)
- Green (82%)
- Blue (89%)



- Red (79%)
- Yellow (82%)
- Blue (89%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4073, 64.2512, 82.5640 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 61.4073, 64.2512, 82.5640 by changing the saturation by 10% instead.

■ 61.4073, 64.2512,
82.5640

■ 61.4073, 64.2512,
82.5640

419.5179,
440.0962, 523.4652

■ 44.8077, 46.8542,
61.2920

105.9632,
110.9726, 138.8084

■ 31.5067, 32.9204,
44.0288

134.6503,
141.0658, 174.6179

■ 21.1387, 22.0655,
30.3558

168.0973,
176.1598, 216.1103

■ 13.3384, 13.9050,
19.8545

206.6695,
216.6391, 263.7042

■ 7.7406, 8.0546,
12.1063

250.7323,
262.8879, 317.8181

■ 3.9798, 4.1299,
6.6927

300.6511,

■ 1.6907, 1.7465,

315.2908, 378.8705

3.1951

356.7912,
374.2321, 447.2801

■ 0.4505, 0.4535,
1.1951

■ 0.0000, 0.0000,
0.0000

■ 61.4073, 64.2512,
82.5640

■ 61.4073, 64.2512,
82.5640

■ 51.9823, 53.8921,
81.0623

■ 72.1319, 75.8541,
84.2394

■ 43.8002, 44.7260,
79.7243

■ 84.1982, 88.7333,
86.0893

■ 36.8086, 36.7105,
78.5456

■ 91.0038, 98.3815,
87.5929

■ 30.9489, 29.7972,
77.5201

■ 26.1574, 23.9343,
76.6409

■ 22.3635, 19.0651,
75.9010

■ 19.4874, 15.1268,
75.2925

■ 17.4350, 12.0477,
74.8063

■ 16.2053, 10.0045,
74.4767

Harmonies

Analogous

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



59.2984, 64.2512, 81.3276



61.4073, 64.2512, 82.5640



63.4726, 64.2512, 80.2626

Triad

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



61.4073, 64.2512, 82.5640



64.5680, 64.2512, 63.3804



57.3738, 64.2512, 64.9624

Complementary

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



61.4073, 64.2512, 82.5640



68.2491, 71.9442, 66.1678

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.



58.7265, 64.2512, 60.5766



61.4073, 64.2512, 82.5640



62.8741, 64.2512, 59.7019

Square

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



61.4073, 64.2512, 82.5640



65.3248, 64.2512, 68.9955



60.7316, 64.2512, 58.7064



57.0019, 64.2512, 70.9306

Rectangle

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



61.4073, 64.2512, 82.5640



64.5370, 64.2512, 77.1075



60.7316, 64.2512, 58.7064



57.7272, 64.2512, 63.2659

Sweetspot

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



61.4092, 64.2539, 82.5654



90.6253, 95.2457, 108.2155



64.9890, 73.1994, 78.2529



19.1501, 20.1200, 23.1242



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.



61.4092, 64.2539, 82.5654



75.7310, 79.0811, 105.8805



60.7922, 61.0755, 81.9845



13.9429, 14.6071, 18.2289



9.4497, 5.9615, 43.0358



0.7784, 0.6007, 3.2069

Inverse Universe

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



64.7498, 63.3895, 69.7986



80.9734, 77.8091, 85.8266



68.9085, 75.4772, 66.8150



14.5587, 14.4407, 15.8768



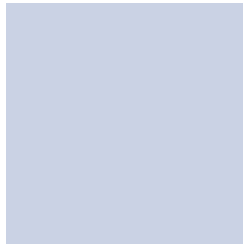
19.1633, 9.7995, 4.4889



1.4565, 0.7403, 0.5446

Previews

White Background



This preview shows how the XYZ color 61.4073, 64.2512, 82.5640 looks on a white background.

Color Contrast Check

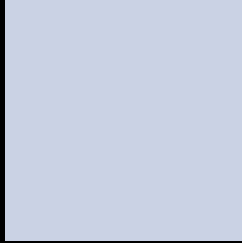
Large Text (above 18pt) WCAG AA × Fail

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 61.4073, 64.2512, 82.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

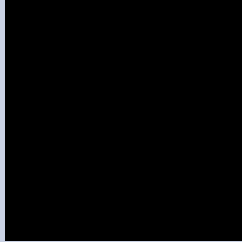
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4073, 64.2512, 82.5640

Background



This preview shows how black text looks on a background with the XYZ color 61.4073, 64.2512, 82.5640.

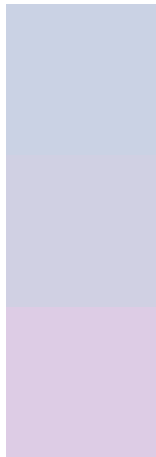


This preview shows how white text looks on a background with the XYZ color 61.4073, 64.2512,

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

61.4073, 64.2512, 82.5640

Protanopia

62.4334, 64.0677, 81.7488

Deuteranopia

65.5545, 64.2150, 83.0684



Tritanopia

61.2688, 64.1958, 81.8349

Trichromacy



Original Color

61.4073, 64.2512, 82.5640

Protanomaly

62.1192, 64.2688, 81.8041

Deuteranomaly

63.9457, 64.0959, 83.1302

Tritanomaly

61.2688, 64.1958, 81.8349

Monochromacy



Original Color

61.4073, 64.2512, 82.5640

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3031, 64.3683, 74.8390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4073, 64.2512, 82.5640 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, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 228)  
}
```

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, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 228) }
```

Border

The CSS property to change the border of an element to XYZ 61.4073, 64.2512, 82.5640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

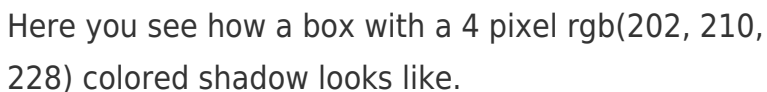
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 210, 228) }
```


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

```
.border{ border-color:rgb(202, 210, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 210, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 210, 228); box-shadow:4px 4px 4px 4px rgb(202, 210, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4073, 64.2512, 82.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 228) }
```

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

```
.background{ background-color: rgb(202,  
210, 228) }
```

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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