

Converting Colors

XYZ(64.3915, 68.6080, 82.4857)

Have a look what the booklet for
XYZ(64.3915, 68.6080, 82.4857)
contains.

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Color

**XYZ(64.4101, 68.4372,
82.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD9E3
RGB	207, 217, 227
RGB Percent	81%, 85%, 89%
CMY	0.1882, 0.1490, 0.1098
CMYK	0.09, 0.04, 0.00, 0.11
HSL	210°, 26%, 85%
HSV	210°, 9%, 89%
XYZ	64.4101, 68.4372, 82.4880
YIQ	215.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

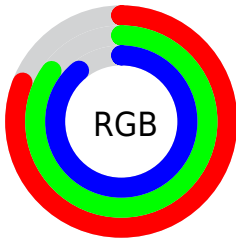
Format	Color
R_{YB}	207, 214, 227
Decimal	13621731
CIE _{Lab}	86.22, -1.44, -6.07
CIE _{LCh}	86, 6.242, 256.626
Yxy	68.4372, 0.2991, 0.3178
Android (android.graphics.Color)	4291811811 (0xFFCFD9E3)
YUV	215.1500, 5.8421, -7.1475
Hunter-Lab	82.7268, -5.7939, -1.2101

Details

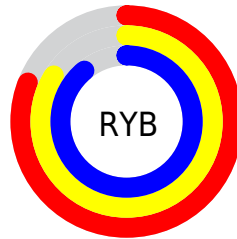
The XYZ color **64.4101, 68.4372, 82.4880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7541, 70.4610, 69.0619**, and the grayscale version is **64.6607, 68.0281, 74.0826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5036, 35.5915, 44.1337** is the 20% darker color. If you saturate the color by 10%, you get **55.6941, 59.7523, 81.2721**, and if you desaturate by 10%, it is **74.2430, 78.0001, 83.8166**.

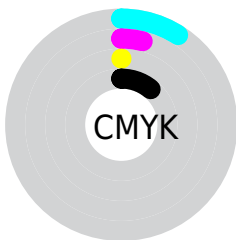
Distribution



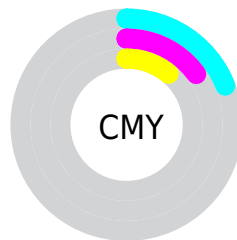
- Red (81%)
- Green (85%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4101, 68.4372, 82.4880 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 64.4101, 68.4372, 82.4880 by changing the saturation by 10% instead.

■ 64.4101, 68.4372,
82.4880

■ 64.4101, 68.4372,
82.4880

430.2479,
455.0435, 523.2048

■ 47.2458, 50.2535,
61.2297

110.2718,
116.9774, 138.7009

■ 33.4388, 35.6149,
43.9788

139.6999,
148.1026, 174.4927

■ 22.6236, 24.1369,
30.3168

173.9467,
184.3105, 215.9660

■ 14.4350, 15.4352,
19.8251

213.3775,
225.9855, 263.5394

■ 8.5076, 9.1254,
12.0851

258.3576,
273.5118, 317.6314

■ 4.4759, 4.8231,
6.6784

309.2525,

■ 1.9747, 2.1438,

327.2740, 378.6606

3.1864

366.4275,
387.6565, 447.0456

■ 0.6197, 0.6891,
1.1906

■ 0.0000, 0.0000,
0.0000

■ 64.4101, 68.4372,
82.4880

■ 64.4101, 68.4372,
82.4880

■ 55.6941, 59.7523,
81.2721

■ 74.2430, 78.0001,
83.8166

■ 48.0462, 51.9087,
80.1612

■ 85.2270, 88.4589,
85.2565

■ 41.4229, 44.8798,
79.1536

■ 89.6161, 95.8277,
86.4475

■ 35.7749, 38.6337,
78.2456

■ 90.8653, 98.3261,
86.8639

■ 31.0488, 33.1363,
77.4336

■ 27.1853, 28.3503,
76.7135

■ 24.1176, 24.2341,
76.0807

■ 21.7672, 20.7400,
75.5301

■ 20.0173, 17.7998,
75.0548

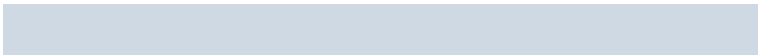
Harmonies

Analogous

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



63.1673, 68.4372, 80.4212



64.4101, 68.4372, 82.4880



65.8417, 68.4372, 82.3636

Triad

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



64.4101, 68.4372, 82.4880



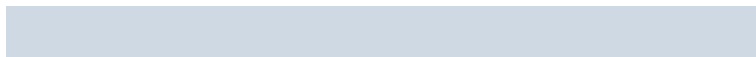
67.7327, 68.4372, 72.2739



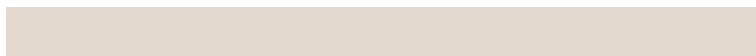
63.0585, 68.4372, 69.2100

Complementary

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



64.4101, 68.4372, 82.4880



67.7541, 70.4610, 69.0619

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.



64.2597, 68.4372, 67.1843



64.4101, 68.4372, 82.4880



66.9647, 68.4372, 68.9081

Square

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



64.4101, 68.4372, 82.4880



67.7744, 68.4372, 76.3630



65.6891, 68.4372, 67.0758



62.3947, 68.4372, 72.7000

Rectangle

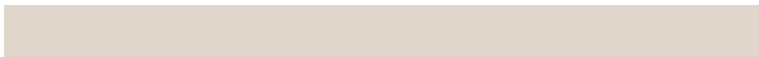
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.4101, 68.4372, 82.4880



66.7108, 68.4372, 81.0532



65.6891, 68.4372, 67.0758



63.4121, 68.4372, 68.3410

Sweetspot

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



64.4121, 68.4401, 82.4895



91.0836, 96.1624, 108.3683



65.6834, 73.1971, 76.0862



19.2736, 20.3670, 23.1653



0.0000, 0.0000, 0.0000



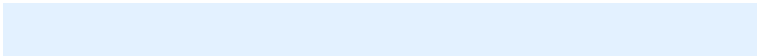
20.3446, 21.4041, 23.3091

Same Dimension

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



64.4121, 68.4401, 82.4895



81.1621, 86.4414, 107.0149



61.9920, 63.5999, 81.6828



14.1754, 15.0723, 18.3064



11.6820, 10.4260, 43.7799



0.9561, 0.9562, 3.2661

Inverse Universe

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



66.5173, 65.9676, 74.8763



84.5696, 82.5205, 94.6740



70.3201, 75.5930, 69.9172



14.6761, 14.4876, 16.4950



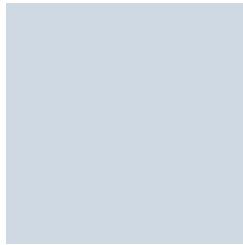
20.2900, 10.2502, 10.4222



1.5462, 0.7762, 1.0171

Previews

White Background



This preview shows how the XYZ color 64.4101, 68.4372, 82.4880 looks on a white background.

Color Contrast Check

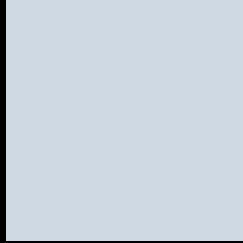
Large Text (above 18pt) WCAG AA × Fail

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 64.4101, 68.4372, 82.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

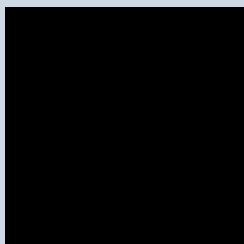
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

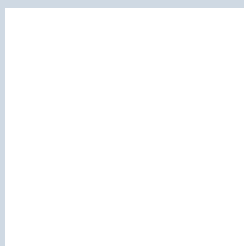
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4101, 68.4372, 82.4880

Background



This preview shows how black text looks on a background with the XYZ color 64.4101, 68.4372, 82.4880.

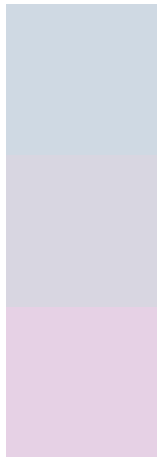


This preview shows how white text looks on a background with the XYZ color 64.4101, 68.4372,

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

64.4101, 68.4372, 82.4880

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

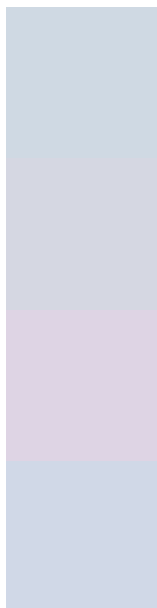
69.5764, 68.0811, 83.6026



Tritanopia

65.2763, 68.4048, 86.8538

Trichromacy



Original Color

64.4101, 68.4372, 82.4880

Protanomaly

65.4685, 68.2380, 81.6722

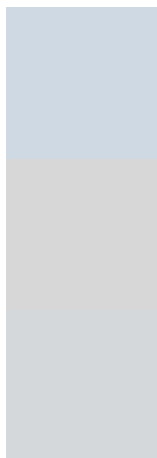
Deuteranomaly

67.6713, 68.2180, 82.9995

Tritanomaly

64.9921, 68.2912, 85.3574

Monochromacy



Original Color

64.4101, 68.4372, 82.4880

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4934, 68.2233, 76.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4101, 68.4372, 82.4880 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(207, 217, 227) looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 227)  
}
```

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(207, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.4101, 68.4372, 82.4880 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(207, 217, 227) }
```


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

```
.border{ border-color:rgb(207, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 217,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4101, 68.4372, 82.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 227) }
```

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

```
.background{ background-color: rgb(207,  
217, 227) }
```

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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