

Converting Colors

XYZ(62.4776, 65.8020, 82.8148)

Have a look what the booklet for
XYZ(62.4776, 65.8020, 82.8148)
contains.

| | |
|--|----|
| XYZ(62.4264, 65.8864, 82.8259) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(62.4264, 65.8864,
82.8259)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | CBD5E4 |
| RGB | 203, 213, 228 |
| RGB Percent | 80%, 84%, 89% |
| CMY | 0.2039, 0.1647, 0.1059 |
| CMYK | 0.11, 0.07, 0.00, 0.11 |
| HSL | 216°, 32%, 85% |
| HSV | 216°, 11%, 89% |
| XYZ | 62.4264, 65.8864, 82.8259 |
| YIQ | 211.7200, -10.7750, 2.5450 |

Conversions

Conversions Part 2

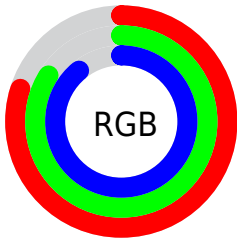
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 203, 210, 228 |
| Decimal | 13358564 |
| CIE Lab | 84.94, -0.46, -8.54 |
| CIE LCh | 85, 8.551, 266.944 |
| Yxy | 65.8864, 0.2957, 0.3121 |
| Android (android.graphics.Color) | 4291548644 (0xFFCBD5E4) |
| YUV | 211.7200, 8.0260, -7.6474 |
| Hunter-Lab | 81.1704, -4.7678, -3.6799 |

Details

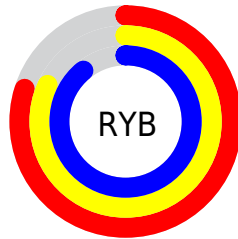
The XYZ color **62.4264, 65.8864, 82.8259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8461, 70.9482, 66.6196**, and the grayscale version is **62.3485, 65.5955, 71.4335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1641, 33.8604, 44.3756** is the 20% darker color. If you saturate the color by 10%, you get **53.3720, 56.3267, 81.4589**, and if you desaturate by 10%, it is **72.6880, 76.5027, 84.3352**.

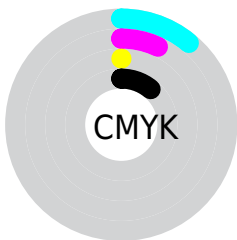
Distribution



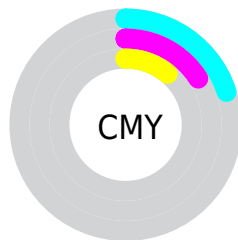
- Red (80%)
- Green (84%)
- Blue (89%)



- Red (80%)
- Yellow (82%)
- Blue (89%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4264, 65.8864, 82.8259 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 62.4264, 65.8864, 82.8259 by changing the saturation by 10% instead.

■ 62.4264, 65.8864,
82.8259

■ 62.4264, 65.8864,
82.8259

423.1776,
445.9705, 524.3619

■ 45.6342, 48.1802,
61.5068

107.4280,
113.3233, 139.1786

■ 32.1607, 33.9696,
44.2011

136.3682,
143.8227, 175.0493

■ 21.6404, 22.8702,
30.4903

170.0884,
179.3554, 216.6076

■ 13.7080, 14.4977,
19.9558

208.9540,
220.3056, 264.2720

■ 7.9982, 8.4677,
12.1792

253.3304,
267.0579, 318.4611

■ 4.1456, 4.3956,
6.7418

303.5829,

■ 1.7848, 1.8972,

319.9965, 379.5935

3.2252

360.0768,
379.5059, 448.0875

■ 0.5085, 0.5467,
1.2107

■ 0.0000, 0.0000,
0.0000

■ 62.4264, 65.8864,
82.8259

■ 62.4264, 65.8864,
82.8259

■ 53.3720, 56.3267,
81.4589

■ 72.6880, 76.5027,
84.3352

■ 45.4722, 47.7806,
80.2257

■ 84.1950, 88.2002,
85.9866

■ 38.6788, 40.2141,
79.1233

■ 90.6972, 97.7684,
87.4907

■ 32.9379, 33.5879,
78.1469

■ 91.0038, 98.3815,
87.5929

■ 28.1909, 27.8597,
77.2914

■ 24.3725, 22.9834,
76.5515

■ 21.4090, 18.9079,
75.9210

■ 19.2134, 15.5741,
75.3933

■ 17.7644, 13.1227,
74.9965

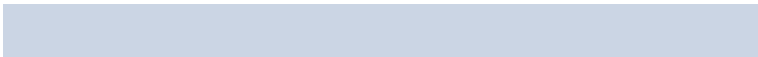
Harmonies

Analogous

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



60.6304, 65.8864, 80.9726



62.4264, 65.8864, 82.8259



64.3112, 65.8864, 81.5853

Triad

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



62.4264, 65.8864, 82.8259



65.9728, 65.8864, 67.0531



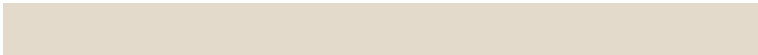
59.5789, 65.8864, 66.1240

Complementary

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



62.4264, 65.8864, 82.8259



67.8461, 70.9482, 66.6196

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.



60.9647, 65.8864, 62.7187



62.4264, 65.8864, 82.8259



64.6589, 65.8864, 63.2356

Square

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



62.4264, 65.8864, 82.8259



66.3832, 65.8864, 72.3043



62.8201, 65.8864, 61.6886



59.0076, 65.8864, 71.1768

Rectangle

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



62.4264, 65.8864, 82.8259



65.3601, 65.8864, 79.2038



62.8201, 65.8864, 61.6886



59.9635, 65.8864, 64.7588

Sweetspot

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



62.4283, 65.8892, 82.8274



90.8448, 95.6847, 108.2887



64.9735, 73.2246, 76.7545



19.2092, 20.2382, 23.1439



0.0000, 0.0000, 0.0000



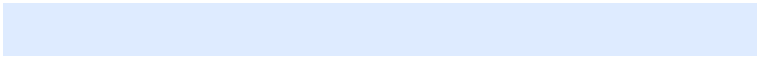
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4283, 65.8892, 82.8274



77.8693, 82.2079, 106.3713



60.5605, 61.3055, 82.0411



14.0537, 14.8289, 18.2659



10.3663, 7.7948, 43.3413



0.8549, 0.7538, 3.2324

Inverse Universe

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



65.3626, 64.0113, 71.8644



82.3333, 79.4277, 89.6753



69.8619, 75.9550, 67.4798



14.6147, 14.4631, 16.1715



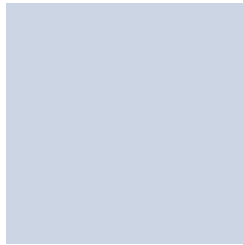
19.6260, 9.9846, 6.9252



1.4952, 0.7558, 0.7480

Previews

White Background



This preview shows how the XYZ color 62.4264, 65.8864, 82.8259 looks on a white background.

Color Contrast Check

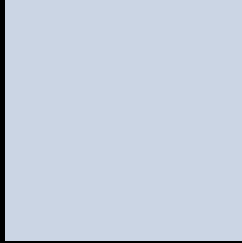
Large Text (above 18pt) WCAG AA × Fail

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 62.4264, 65.8864, 82.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

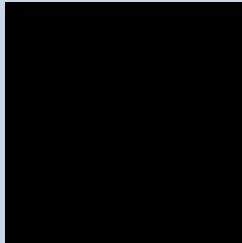
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

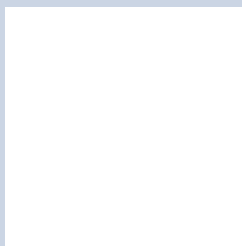
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4264, 65.8864, 82.8259

Background



This preview shows how black text looks on a background with the XYZ color 62.4264, 65.8864, 82.8259.

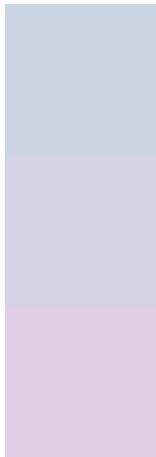


This preview shows how white text looks on a background with the XYZ color 62.4264, 65.8864,

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

62.4264, 65.8864, 82.8259

Protanopia

64.0234, 65.9835, 82.0347

Deuteranopia

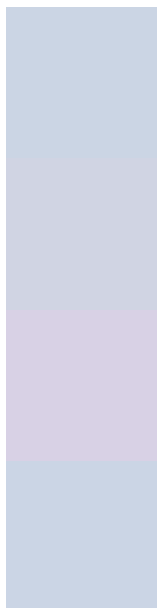
66.9546, 65.6470, 83.2710



Tritanopia

62.7058, 65.9982, 84.2969

Trichromacy



Original Color

62.4264, 65.8864, 82.8259

Protanomaly

63.4210, 66.0429, 82.0780

Deuteranomaly

65.2622, 65.8570, 83.4007

Tritanomaly

62.5657, 65.9422, 83.5593

Monochromacy



Original Color

62.4264, 65.8864, 82.8259

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4929, 65.7042, 75.7181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4264, 65.8864, 82.8259 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(203, 213, 228) looks like.

```
.text, #text, p{  
    color:rgb(203, 213, 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(203, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 213, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.4264, 65.8864, 82.8259 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(203, 213, 228) }
```


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

```
.border{ border-color:rgb(203, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(203, 213,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4264, 65.8864, 82.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 213, 228) }
```

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

```
.background{ background-color: rgb(203,  
213, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor