

Converting Colors

XYZ(62.2851, 65.3824, 83.7269)

Have a look what the booklet for
XYZ(62.2851, 65.3824, 83.7269)
contains.

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Color

**XYZ(62.3149, 65.4406,
83.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD4E5
RGB	203, 212, 229
RGB Percent	80%, 83%, 90%
CMY	0.2039, 0.1686, 0.1020
CMYK	0.11, 0.07, 0.00, 0.10
HSL	219°, 33%, 85%
HSV	219°, 11%, 90%
XYZ	62.3149, 65.4406, 83.4757
YIQ	211.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

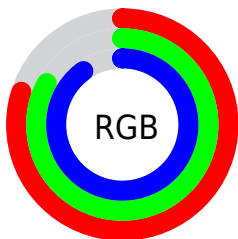
Format	Color
R _Y B	203, 210, 229
Decimal	13358309
CIE Lab	84.71, 0.27, -9.41
CIE LCh	85, 9.413, 271.636
Yxy	65.4406, 0.2950, 0.3098
Android (android.graphics.Color)	4291548389 (0xFFCBD4E5)
YUV	211.2470, 8.7522, -7.2326
Hunter-Lab	80.8954, -4.0657, -4.5544

Details

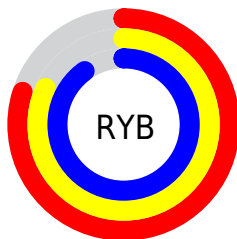
The XYZ color **62.3149, 65.4406, 83.4757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6861, 72.1557, 66.8084**, and the grayscale version is **62.0308, 65.2612, 71.0694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0914, 33.5595, 44.8306** is the 20% darker color. If you saturate the color by 10%, you get **52.9632, 55.3208, 82.0163**, and if you desaturate by 10%, it is **72.9387, 76.7347, 85.0968**.

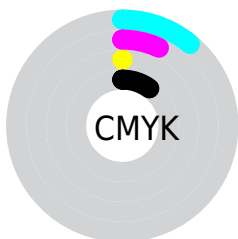
Distribution



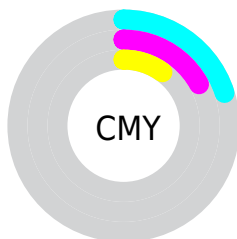
- Red (80%)
- Green (83%)
- Blue (90%)



- Red (80%)
- Yellow (82%)
- Blue (90%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3149, 65.4406, 83.4757 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 62.3149, 65.4406, 83.4757 by changing the saturation by 10% instead.

■ 62.3149, 65.4406,
83.4757

■ 62.3149, 65.4406,
83.4757

422.7781,
444.3736, 526.5830

■ 45.5438, 47.8184,
62.0398

107.2679,
112.6831, 140.0967

■ 32.0890, 33.6831,
44.6288

136.1805,
143.0722, 176.1189

■ 21.5854, 22.6503,
30.8244

169.8709,
178.4857, 217.8402

■ 13.6675, 14.3355,
20.2078

208.7045,
219.3080, 265.6792

■ 7.9699, 8.3544,
12.3606

253.0467,
265.9236, 320.0544

■ 4.1273, 4.3225,
6.8643

303.2627,

■ 1.7744, 1.8556,

318.7168, 381.3845

3.3002

359.7181,
378.0720, 450.0878

■ 0.5022, 0.5215,
1.2499

■ 0.0000, 0.0000,
0.0202

■ 62.3149, 65.4406,
83.4757

■ 62.3149, 65.4406,
83.4757

■ 52.9632, 55.3208,
82.0163

■ 72.9387, 76.7347,
85.0968

■ 44.8281, 46.3277,
80.7092

■ 84.8754, 89.2325,
86.8800

■ 37.8585, 38.4220,
79.5506

■ 91.1431, 98.4372,
88.3263

■ 31.9974, 31.5592,
78.5349

■ 27.1825, 25.6912,
77.6560

■ 23.3449, 20.7655,
76.9075

■ 20.4066, 16.7239,
76.2823

■ 18.2756, 13.5000,
75.7723

■ 16.9605, 11.2921,
75.4155

Harmonies

Analogous

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



60.2969, 65.4406, 81.9444



62.3149, 65.4406, 83.4757



64.3458, 65.4406, 81.5818

Triad

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



62.3149, 65.4406, 83.4757



65.7082, 65.4406, 65.3469



58.7065, 65.4406, 65.8892

Complementary

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



62.3149, 65.4406, 83.4757



68.6861, 72.1557, 66.8084

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.



60.1011, 65.4406, 61.8362



62.3149, 65.4406, 83.4757



64.1414, 65.4406, 61.5358

Square

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



62.3149, 65.4406, 83.4757



66.3321, 65.4406, 70.9234



62.0839, 65.4406, 60.2870



58.2419, 65.4406, 71.5850

Rectangle

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



62.3149, 65.4406, 83.4757



65.4260, 65.4406, 78.6904



62.0839, 65.4406, 60.2870



59.0805, 65.4406, 64.3009

Sweetspot

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



62.3168, 65.4433, 83.4772



90.7166, 95.4284, 108.2460



65.5540, 73.8983, 78.4505



19.1747, 20.1692, 23.1324



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.



62.3168, 65.4433, 83.4772



76.1153, 79.8497, 106.0086



61.2041, 61.6212, 82.7981



13.9889, 14.6992, 18.2443



9.7985, 6.6591, 43.1521



0.8084, 0.6607, 3.2169

Inverse Universe

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



65.5542, 64.1247, 71.2127



81.1674, 77.8867, 86.8480



69.8824, 76.3752, 67.5597



14.5820, 14.4500, 15.9991



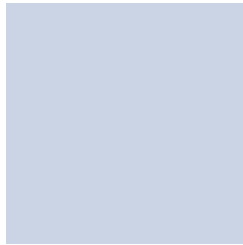
19.3393, 9.8699, 5.4159



1.4717, 0.7464, 0.6243

Previews

White Background



This preview shows how the XYZ color 62.3149, 65.4406, 83.4757 looks on a white background.

Color Contrast Check

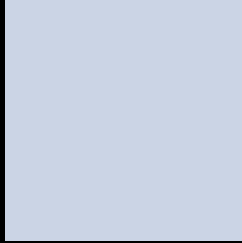
Large Text (above 18pt) WCAG AA × Fail

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 62.3149, 65.4406, 83.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

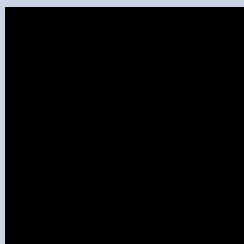
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

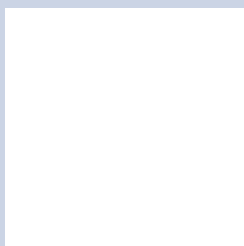
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3149, 65.4406, 83.4757

Background



This preview shows how black text looks on a background with the XYZ color 62.3149, 65.4406, 83.4757.



This preview shows how white text looks on a background with the XYZ color 62.3149, 65.4406,

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

62.3149, 65.4406, 83.4757

Protanopia

63.6285, 65.3963, 82.6679

Deuteranopia

66.5457, 65.0638, 83.9141



Tritanopia

62.3149, 65.4406, 83.4757

Trichromacy



Original Color

62.3149, 65.4406, 83.4757

Protanomaly

63.0300, 65.4554, 82.7109

Deuteranomaly

65.1577, 65.4239, 84.0568

Tritanomaly

62.3149, 65.4406, 83.4757

Monochromacy



Original Color

62.3149, 65.4406, 83.4757

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9616, 65.0604, 75.6219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3149, 65.4406, 83.4757 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, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(203, 212, 229)  
}
```

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, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 212, 229) }
```

Border

The CSS property to change the border of an element to XYZ 62.3149, 65.4406, 83.4757 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, 212, 229) }
```


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

```
.border{ border-color:rgb(203, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(203, 212,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3149, 65.4406, 83.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 212, 229) }
```

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

```
.background{ background-color: rgb(203,  
212, 229) }
```

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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