

Converting Colors

XYZ(63.1569, 65.3059, 83.4348)

Have a look what the booklet for
XYZ(63.1569, 65.3059, 83.4348)
contains.

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Color

**XYZ(62.9216, 65.0157,
83.3617)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD2E5
RGB	207, 210, 229
RGB Percent	81%, 82%, 90%
CMY	0.1882, 0.1765, 0.1020
CMYK	0.10, 0.08, 0.00, 0.10
HSL	232°, 30%, 85%
HSV	232°, 10%, 90%
XYZ	62.9216, 65.0157, 83.3617
YIQ	211.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

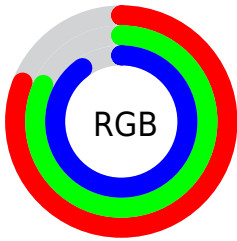
Format	Color
R _Y B	207, 210, 229
Decimal	13619941
CIE Lab	84.49, 2.62, -9.70
CIE LCh	84, 10.048, 285.086
Yxy	65.0157, 0.2978, 0.3077
Android (android.graphics.Color)	4291810021 (0xFFCFD2E5)
YUV	211.2690, 8.7414, -3.7439
Hunter-Lab	80.6323, -1.8137, -4.8543

Details

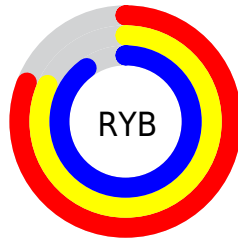
The XYZ color **62.9216, 65.0157, 83.3617** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7723, 75.5554, 69.8864**, and the grayscale version is **62.0440, 65.2751, 71.0846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6653, 33.6052, 44.8092** is the 20% darker color. If you saturate the color by 10%, you get **52.3980, 52.7869, 81.5570**, and if you desaturate by 10%, it is **74.9802, 78.9349, 85.4138**.

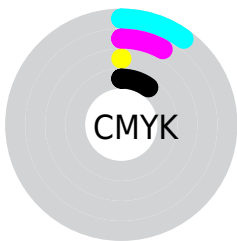
Distribution



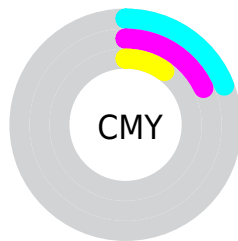
- Red (81%)
- Green (82%)
- Blue (90%)



- Red (81%)
- Yellow (82%)
- Blue (90%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9216, 65.0157, 83.3617 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 62.9216, 65.0157, 83.3617 by changing the saturation by 10% instead.

■ 62.9216, 65.0157,
83.3617

■ 62.9216, 65.0157,
83.3617

424.9491,
442.8484, 526.1937

■ 46.0362, 47.4738,
61.9462

108.1388,
112.0724, 139.9357

■ 32.4791, 33.4104,
44.5538

137.2014,
142.3561, 175.9313

■ 21.8850, 22.4410,
30.7657

171.0537,
177.6557, 217.6241

■ 13.8886, 14.1813,
20.1635

210.0611,
218.3558, 265.4325

■ 8.1244, 8.2469,
12.3287

254.5890,
264.8407, 319.7751

■ 4.2271, 4.2533,
6.8427

305.0027,

■ 1.8314, 1.8163,

317.4949, 381.0705

3.2870

361.6676,
376.7026, 449.7372

■ 0.5365, 0.4973,
1.2430

■ 0.0000, 0.0000,
0.0144

■ 62.9216, 65.0157,
83.3617

■ 62.9216, 65.0157,
83.3617

■ 52.3980, 52.7869,
81.5570

■ 74.9802, 78.9349,
85.4138

■ 43.3420, 42.1758,
79.9861

■ 88.6263, 94.5971,
87.7177

■ 35.6896, 33.1169,
78.6409

■ 91.1430, 98.4372,
88.3263

■ 29.3699, 25.5368,
77.5109

■ 24.3058, 19.3561,
76.5848

■ 20.4119, 14.4879,
75.8504

■ 17.5921, 10.8354,
75.2940

■ 15.7345, 8.2879,
74.9002

■ 14.6717, 6.6979,
74.6493

Harmonies

Analogous

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



60.6952, 65.0157, 83.3724



62.9216, 65.0157, 83.3617



64.8914, 65.0157, 79.8481

Triad

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



62.9216, 65.0157, 83.3617



64.8819, 65.0157, 62.4220



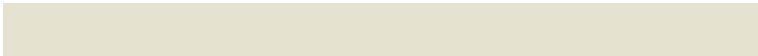
57.7321, 65.0157, 67.6682

Complementary

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



62.9216, 65.0157, 83.3617



70.7723, 75.5554, 69.8864

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.



58.7996, 65.0157, 62.4461



62.9216, 65.0157, 83.3617



62.9089, 65.0157, 59.5437

Square

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



62.9216, 65.0157, 83.3617



66.0416, 65.0157, 67.6334



60.6829, 65.0157, 59.5523



57.7353, 65.0157, 74.0454

Rectangle

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



62.9216, 65.0157, 83.3617



65.7786, 65.0157, 76.1073



60.6829, 65.0157, 59.5523



57.9765, 65.0157, 65.7283

Sweetspot

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



62.9235, 65.0184, 83.3631



90.2200, 94.4353, 108.0805



67.4389, 74.7797, 82.6164



19.0411, 19.9020, 23.0878



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.



62.9235, 65.0184, 83.3631



76.8169, 78.9358, 105.7952



64.3932, 64.6859, 83.2215



13.7407, 14.2027, 18.1615



8.4204, 3.9028, 42.6927



0.6731, 0.3901, 3.1718

Inverse Universe

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



66.2603, 65.9383, 70.2109



82.0871, 80.4201, 85.0153



69.1932, 75.9640, 70.0485



14.4567, 14.3999, 15.3393



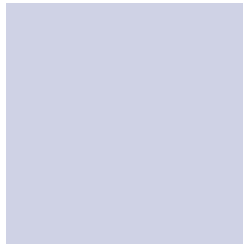
18.6437, 9.5917, 1.7528



1.4034, 0.7191, 0.2647

Previews

White Background



This preview shows how the XYZ color 62.9216, 65.0157, 83.3617 looks on a white background.

Color Contrast Check

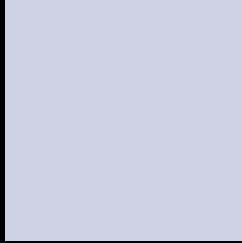
Large Text (above 18pt) WCAG AA × Fail

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 62.9216, 65.0157, 83.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

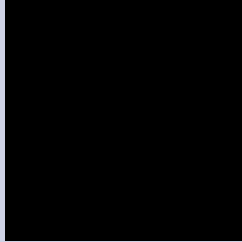
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9216, 65.0157, 83.3617

Background



This preview shows how black text looks on a background with the XYZ color 62.9216, 65.0157, 83.3617.

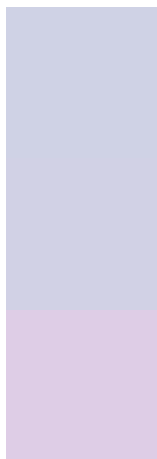


This preview shows how white text looks on a background with the XYZ color 62.9216, 65.0157,

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

62.9216, 65.0157, 83.3617

Protanopia

63.2378, 64.8134, 83.3060

Deuteranopia

66.2385, 64.9054, 83.8998



Tritanopia

62.6438, 64.9046, 81.8992

Trichromacy



Original Color

62.9216, 65.0157, 83.3617

Protanomaly

62.9557, 64.6680, 83.2928

Deuteranomaly

65.2110, 65.0905, 83.9896

Tritanomaly

62.7823, 64.9600, 82.6283

Monochromacy



Original Color

62.9216, 65.0157, 83.3617

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5275, 65.3521, 75.6483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9216, 65.0157, 83.3617 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, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 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(207, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 229) }
```

Border

The CSS property to change the border of an element to XYZ 62.9216, 65.0157, 83.3617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

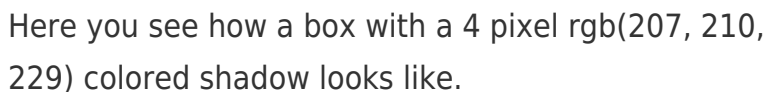
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 210, 229) }
```


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

```
.border{ border-color:rgb(207, 210, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 229);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9216, 65.0157, 83.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 229) }
```

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

```
.background{ background-color: rgb(207,  
210, 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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