

Converting Colors

XYZ(63.8777, 65.9811, 82.3792)

Have a look what the booklet for
XYZ(63.8777, 65.9811, 82.3792)
contains.

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Color

**XYZ(63.7377, 65.8362,
82.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3E3
RGB	210, 211, 227
RGB Percent	82%, 83%, 89%
CMY	0.1765, 0.1725, 0.1098
CMYK	0.07, 0.07, 0.00, 0.11
HSL	236°, 23%, 86%
HSV	236°, 7%, 89%
XYZ	63.7377, 65.8362, 82.0214
YIQ	212.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

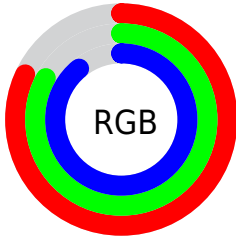
Format	Color
RYB	210, 211, 227
Decimal	13816803
CIELab	84.91, 2.68, -7.99
CIElCh	85, 8.427, 288.520
Yxy	65.8362, 0.3012, 0.3111
Android (android.graphics.Color)	4292006883 (0xFFD2D3E3)
YUV	212.5250, 7.1362, -2.2144
Hunter-Lab	81.1395, -1.7766, -3.1368

Details

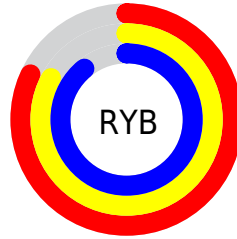
The XYZ color **63.7377, 65.8362, 82.0214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5079, 75.3761, 71.8067**, and the grayscale version is **62.8870, 66.1620, 72.0504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2137, 34.1604, 43.8728** is the 20% darker color. If you saturate the color by 10%, you get **52.7692, 52.8221, 80.0885**, and if you desaturate by 10%, it is **76.3319, 80.7388, 84.2351**.

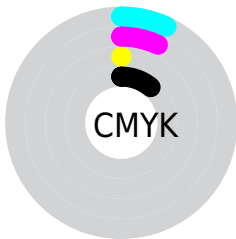
Distribution



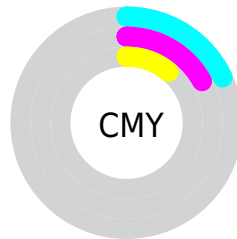
- Red (82%)
- Green (83%)
- Blue (89%)



- Red (82%)
- Yellow (83%)
- Blue (89%)



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



- Cyan (18%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7377, 65.8362, 82.0214 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 63.7377, 65.8362, 82.0214 by changing the saturation by 10% instead.

■ 63.7377, 65.8362,
82.0214

■ 63.7377, 65.8362,
82.0214

427.8591,
445.7908, 521.6046

■ 46.6991, 48.1394,
60.8473

109.3089,
113.2512, 138.0410

■ 33.0048, 33.9373,
43.6722

138.5723,
143.7382, 173.7235

■ 22.2894, 22.8455,
30.0776

172.6414,
179.2575, 215.0792

■ 14.1875, 14.4794,
19.6449

211.8815,
220.1934, 262.5266

■ 8.3338, 8.4549,
11.9557

256.6579,
266.9302, 316.4843

■ 4.3628, 4.3874,
6.5913

307.3361,

■ 1.9094, 1.8925,

319.8525, 377.3709

3.1333

364.2814,
379.3446, 445.6048

■ 0.5823, 0.5439,
1.1631

■ 0.0000, 0.0000,
0.0000

■ 63.7377, 65.8362,
82.0214

■ 63.7377, 65.8362,
82.0214

■ 52.7692, 52.8221,
80.0885

■ 76.3319, 80.7388,
84.2351

■ 43.3547, 41.6130,
78.4212

■ 90.4602, 97.5159,
86.7288

■ 35.4255, 32.1318,
77.0090

■ 90.8653, 98.3261,
86.8638

■ 28.9058, 24.2925,
75.8395

■ 23.7128, 18.0016,
74.8990

■ 19.7552, 13.1564,
74.1723

■ 16.9302, 9.6417,
73.6428

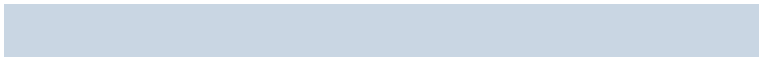
■ 15.1181, 7.3244,
73.2910

■ 14.1655, 6.0406,
73.0934

Harmonies

Analogous

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



61.8543, 65.8362, 82.3841



63.7377, 65.8362, 82.0214



65.3398, 65.8362, 78.8071

Triad

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



63.7377, 65.8362, 82.0214



65.0153, 65.8362, 64.1607



59.0784, 65.8362, 69.6314

Complementary

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



63.7377, 65.8362, 82.0214



70.5079, 75.3761, 71.8067

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.



59.8899, 65.8362, 65.0044



63.7377, 65.8362, 82.0214



63.3019, 65.8362, 61.9537

Square

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



63.7377, 65.8362, 82.0214



66.0876, 65.8362, 68.4265



61.4272, 65.8362, 62.2546



59.1897, 65.8362, 75.0441

Rectangle

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



63.7377, 65.8362, 82.0214



66.0210, 65.8362, 75.5664



61.4272, 65.8362, 62.2546



59.2516, 65.8362, 67.9377

Sweetspot

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



63.7396, 65.8390, 82.0229



91.6866, 96.0217, 108.3094



67.7577, 74.1246, 82.5929



19.6599, 20.5943, 23.1889



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.



63.7396, 65.8390, 82.0229



80.5985, 82.8912, 106.3594



65.6372, 66.4483, 82.0405



13.6508, 14.0229, 18.1316



8.2006, 3.4633, 42.6194



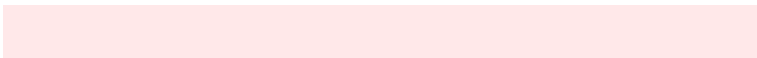
0.6302, 0.3044, 3.1575

Inverse Universe

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



66.4845, 67.1285, 71.0842



84.8765, 84.9077, 89.3094



68.5073, 74.7509, 71.7915



14.4113, 14.3817, 15.1004



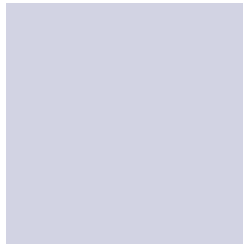
18.5328, 9.5473, 1.1687



1.3817, 0.7104, 0.1507

Previews

White Background



This preview shows how the XYZ color 63.7377, 65.8362, 82.0214 looks on a white background.

Color Contrast Check

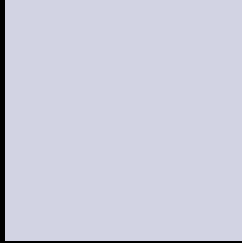
Large Text (above 18pt) WCAG AA × Fail

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 63.7377, 65.8362, 82.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

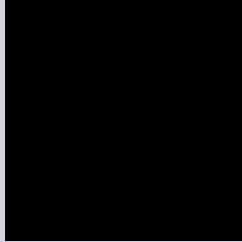
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7377, 65.8362, 82.0214

Background



This preview shows how black text looks on a background with the XYZ color 63.7377, 65.8362, 82.0214.

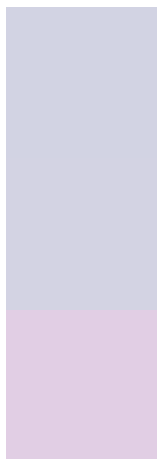


This preview shows how white text looks on a background with the XYZ color 63.7377, 65.8362,

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

63.7377, 65.8362, 82.0214

Protanopia

64.0234, 65.9835, 82.0347

Deuteranopia

67.1262, 65.7516, 82.5522



Tritanopia

63.8762, 65.8916, 82.7505

Trichromacy



Original Color

63.7377, 65.8362, 82.0214

Protanomaly

64.0234, 65.9835, 82.0347

Deuteranomaly

66.0747, 65.9288, 82.6418

Tritanomaly

63.8762, 65.8916, 82.7505

Monochromacy



Original Color

63.7377, 65.8362, 82.0214

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3498, 66.1460, 75.7582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7377, 65.8362, 82.0214 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(210, 211, 227) looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 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(210, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 63.7377, 65.8362, 82.0214 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(210, 211, 227) }
```


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

```
.border{ border-color:rgb(210, 211, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7377, 65.8362, 82.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 227) }
```

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

```
.background{ background-color: rgb(210,  
211, 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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