

Converting Colors

XYZ(63.7050, 67.3191, 85.3882)

Have a look what the booklet for
XYZ(63.7050, 67.3191, 85.3882)
contains.

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Color

**XYZ(63.6261, 67.2078,
85.2202)**

Conversions

Conversions Part 1	
Format	Color
Hex	CCD7E7
RGB	204, 215, 231
RGB Percent	80%, 84%, 91%
CMY	0.2000, 0.1568, 0.0941
CMYK	0.12, 0.07, 0.00, 0.09
HSL	216°, 36%, 85%
HSV	216°, 12%, 91%
XYZ	63.6261, 67.2078, 85.2202
YIQ	213.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

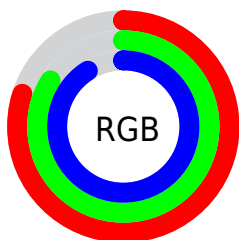
Format	Color
RYB	204, 212, 231
Decimal	13424615
CIELab	85.61, -0.58, -9.13
CIELCh	86, 9.144, 266.371
Yxy	67.2078, 0.2945, 0.3111
Android (android.graphics.Color)	4291614695 (0xFFCCD7E7)
YUV	213.5350, 8.6102, -8.3622
Hunter-Lab	81.9804, -4.9293, -4.2469

Details

The XYZ color **63.6261, 67.2078, 85.2202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4476, 72.5345, 67.4683**, and the grayscale version is **63.5555, 66.8653, 72.8163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8863, 34.7208, 45.5259** is the 20% darker color. If you saturate the color by 10%, you get **54.4180, 57.5035, 83.8334**, and if you desaturate by 10%, it is **74.0687, 77.9850, 86.7511**.

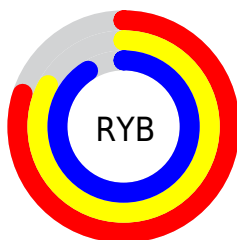
Distribution



Red (80%)

Green (84%)

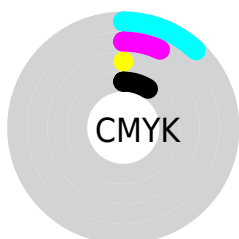
Blue (91%)



Red (80%)

Yellow (83%)

Blue (91%)

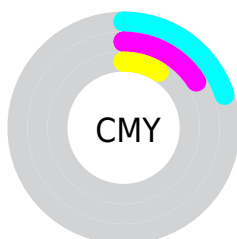


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (20%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6261, 67.2078, 85.2202 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 63.6261, 67.2078, 85.2202 by changing the saturation by 10% instead.


 63.6261, 67.2078,
85.2202

 63.6261, 67.2078,
85.2202


427.4618,
450.6841, 532.5200

 46.6085, 49.2535,
63.4721


109.1490,
115.2181, 142.5577

 32.9329, 34.8206,
45.7798


138.3850,
146.0429, 178.9842

 22.2340, 23.5247,
31.7247


172.4245,
181.9267, 221.1406

 14.1465, 14.9814,
20.8882

211.6329,
223.2539, 269.4454

 8.3050, 8.8064,
12.8519

256.3754,
270.4088, 324.3173

 4.3442, 4.6151,
7.1971


307.0175,


 1.8986, 2.0232,


323.7759, 386.1746


3.5054


363.9245,
383.7395, 455.4360


 0.5760, 0.6209,
1.3581


 0.0000, 0.0000,
0.1087

 63.6261, 67.2078,
85.2202


 63.6261, 67.2078,
85.2202


 54.4180, 57.5035,
83.8334


 74.0687, 77.9850,
86.7511

 46.3903, 48.8281,
82.5820

 85.7855, 89.8602,
88.4257

 39.4933, 41.1470,
81.4629

 91.4240, 98.5496,
89.8057

 33.6713, 34.4199,
80.4714

■ 28.8636, 28.6038,
79.6021

■ 25.0027, 23.6512,
78.8497

■ 22.0119, 19.5096,
78.2079

■ 19.8006, 16.1183,
77.6698

■ 18.4390, 13.7996,
77.2940

Harmonies

Analogous

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



61.6886, 67.2078, 83.1400



63.6261, 67.2078, 85.2202



65.6728, 67.2078, 83.9322

Triad

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



63.6261, 67.2078, 85.2202



67.5313, 67.2078, 68.2049



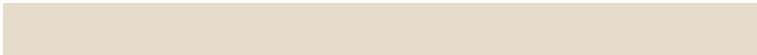
60.6050, 67.2078, 67.0134

Complementary

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



63.6261, 67.2078, 85.2202



69.4476, 72.5345, 67.4683

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.



62.1181, 67.2078, 63.3838



63.6261, 67.2078, 85.2202



66.1206, 67.2078, 64.0451

Square

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



63.6261, 67.2078, 85.2202



67.9560, 67.2078, 73.9055



64.1326, 67.2078, 62.3270



59.9684, 67.2078, 72.4550

Rectangle

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



63.6261, 67.2078, 85.2202



66.8192, 67.2078, 81.3727



64.1326, 67.2078, 62.3270



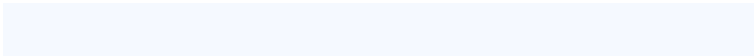
61.0264, 67.2078, 65.5526

Sweetspot

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



63.6281, 67.2106, 85.2217



89.4987, 94.3211, 108.0965



66.3641, 75.1444, 78.5444



18.9391, 19.9653, 23.1054



0.0000, 0.0000, 0.0000



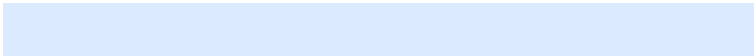
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6281, 67.2106, 85.2217



76.7335, 81.0860, 106.2146



61.5410, 62.1142, 84.3480



14.0627, 14.8468, 18.2689



10.4518, 7.9658, 43.3699



0.8617, 0.7674, 3.2347

Inverse Universe

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



66.8152, 65.0824, 73.3339



81.4794, 78.0115, 88.4911



71.7095, 78.1295, 68.4291



14.6192, 14.4649, 16.1953



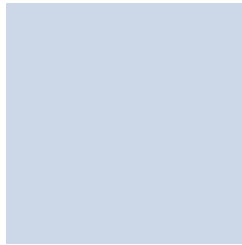
19.6691, 10.0019, 7.1525



1.4986, 0.7572, 0.7661

Previews

White Background



This preview shows how the XYZ color 63.6261, 67.2078, 85.2202 looks on a white background.

Color Contrast Check

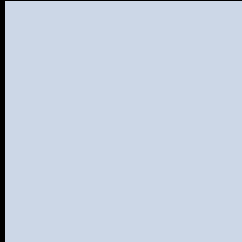
Large Text (above 18pt) WCAG AA × Fail

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 63.6261, 67.2078, 85.2202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

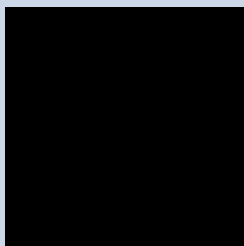
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

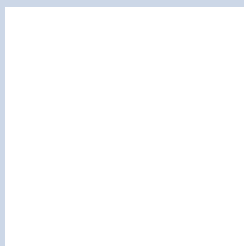
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6261, 67.2078, 85.2202

Background



This preview shows how black text looks on a background with the XYZ color 63.6261, 67.2078, 85.2202.



This preview shows how white text looks on a background with the XYZ color 63.6261, 67.2078,

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

63.6261, 67.2078, 85.2202

Protanopia

65.1269, 66.8902, 83.6073

Deuteranopia

68.4854, 67.1067, 85.6872



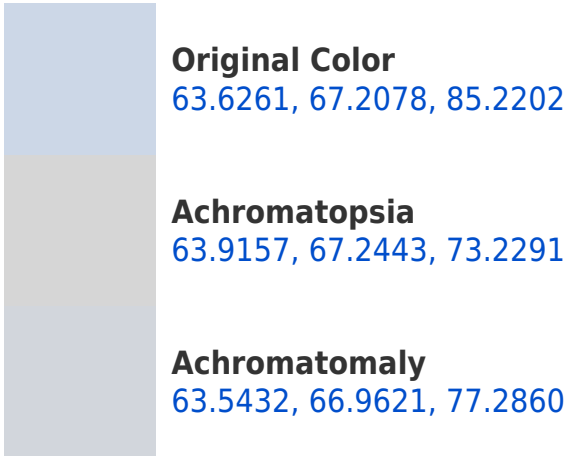
Tritanopia

63.7678, 67.2644, 85.9663

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6261, 67.2078, 85.2202 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(204, 215, 231) looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 231)  
}
```

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(204, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 231) }
```

Border

The CSS property to change the border of an element to XYZ 63.6261, 67.2078, 85.2202 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(204, 215, 231) }
```


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

```
.border{ border-color:rgb(204, 215, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6261, 67.2078, 85.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 231) }
```

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

```
.background{ background-color: rgb(204,  
215, 231) }
```

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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