

Converting Colors

XYZ(61.4674, 63.3354, 85.0871)

Have a look what the booklet for
XYZ(61.4674, 63.3354, 85.0871)
contains.

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Color

**XYZ(61.7500, 63.6345,
85.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD0E8
RGB	203, 208, 232
RGB Percent	80%, 82%, 91%
CMY	0.2039, 0.1843, 0.0902
CMYK	0.12, 0.10, 0.00, 0.09
HSL	230°, 39%, 85%
HSV	230°, 12%, 91%
XYZ	61.7500, 63.6345, 85.3720
YIQ	209.2410, -10.6840, 6.4040

Conversions

Conversions Part 2

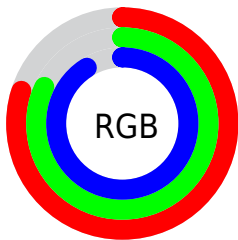
Format	Color
R _Y B	203, 207, 232
Decimal	13357288
CIE Lab	83.78, 2.98, -12.40
CIE LCh	84, 12.751, 283.530
Yxy	63.6345, 0.2930, 0.3019
Android (android.graphics.Color)	4291547368 (0xFFCBD0E8)
YUV	209.2410, 11.2202, -5.4734
Hunter-Lab	79.7712, -1.4249, -7.6129

Details

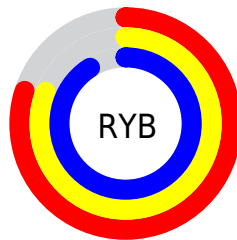
The XYZ color **61.7500, 63.6345, 85.3720** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5276, 76.4054, 67.4791**, and the grayscale version is **60.6973, 63.8583, 69.5416**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7865, 32.6354, 45.6982** is the 20% darker color. If you saturate the color by 10%, you get **51.4981, 51.8180, 83.6325**, and if you desaturate by 10%, it is **73.5177, 77.0769, 87.3474**.

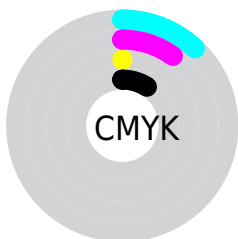
Distribution



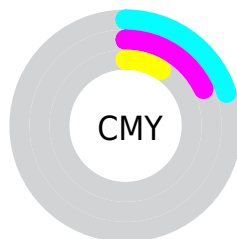
- Red (80%)
- Green (82%)
- Blue (91%)



- Red (80%)
- Yellow (81%)
- Blue (91%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7500, 63.6345, 85.3720 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 61.7500, 63.6345, 85.3720 by changing the saturation by 10% instead.

■ 61.7500, 63.6345,
85.3720

■ 61.7500, 63.6345,
85.3720

420.7507,
437.8686, 533.0349

■ 45.0856, 46.3547,
63.5969

106.4561,
110.0844, 142.7716

■ 31.7264, 32.5258,
45.8802

135.2285,
140.0233, 179.2331

■ 21.3071, 21.7634,
31.8033

168.7676,
174.9506, 221.4272

■ 13.4624, 13.6832,
20.9477

207.4387,
215.2509, 269.7724

■ 7.8269, 7.9006,
12.8949

251.6072,
261.3084, 324.6872

■ 4.0353, 4.0314,
7.2263

301.6385,

■ 1.7221, 1.6912,

313.5076, 386.5902

3.5235

357.8978,
372.2329, 455.8999

■ 0.4700, 0.4179,
1.3677

■ 0.0000, 0.0000,
0.1164

■ 61.7500, 63.6345,
85.3720

■ 61.7500, 63.6345,
85.3720

■ 51.4981, 51.8180,
83.6325

■ 73.5177, 77.0769,
87.3474

■ 42.6943, 41.5574,
82.1160

■ 86.8540, 92.1955,
89.5627

■ 35.2741, 32.7897,
80.8148

■ 91.5657, 98.6063,
90.5518

■ 29.1662, 25.4441,
79.7189

■ 24.2921, 19.4443,
78.8177

■ 20.5655, 14.7063,
78.0996

■ 17.8877, 11.1364,
77.5516

■ 16.1429, 8.6269,
77.1592

■ 15.3252, 7.3453,
76.9550

Harmonies

Analogous

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



58.9702, 63.6345, 85.1370



61.7500, 63.6345, 85.3720



64.2640, 63.6345, 81.0685

Triad

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



61.7500, 63.6345, 85.3720



64.4675, 63.6345, 59.2084



55.4690, 63.6345, 65.0101

Complementary

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



61.7500, 63.6345, 85.3720



71.5276, 76.4054, 67.4791

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.



56.8527, 63.6345, 58.7063



61.7500, 63.6345, 85.3720



62.0208, 63.6345, 55.5377

Square

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



61.7500, 63.6345, 85.3720



65.8653, 63.6345, 65.7449



59.2328, 63.6345, 55.3613



55.4016, 63.6345, 72.9545

Rectangle

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



61.7500, 63.6345, 85.3720



65.4273, 63.6345, 76.3840



59.2328, 63.6345, 55.3613



55.7937, 63.6345, 62.6441

Sweetspot

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



61.7519, 63.6372, 85.3734



88.7627, 92.8490, 107.8511



67.3078, 75.9394, 83.5554



18.7533, 19.5937, 23.0435



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.



61.7519, 63.6372, 85.3734



73.0719, 74.8952, 105.2127



63.1269, 62.5638, 85.0938



13.7828, 14.2870, 18.1756



8.5708, 4.2037, 42.7428



0.6930, 0.4300, 3.1784

Inverse Universe

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



66.0213, 64.4232, 68.6328



79.3548, 76.1035, 80.5656



70.0122, 77.6850, 67.8059



14.4780, 14.4084, 15.4513



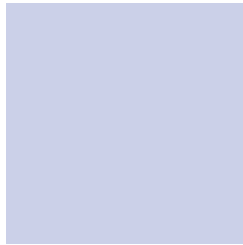
18.7196, 9.6221, 2.1527



1.4134, 0.7231, 0.3177

Previews

White Background



This preview shows how the XYZ color 61.7500, 63.6345, 85.3720 looks on a white background.

Color Contrast Check

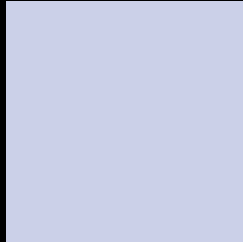
Large Text (above 18pt) WCAG AA × Fail

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 61.7500, 63.6345, 85.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

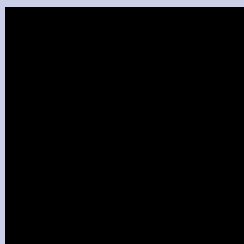
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7500, 63.6345, 85.3720

Background



This preview shows how black text looks on a background with the XYZ color 61.7500, 63.6345, 85.3720.

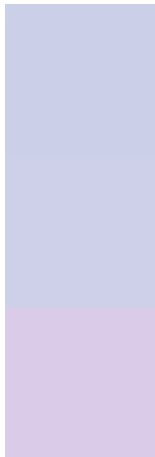


This preview shows how white text looks on a background with the XYZ color 61.7500, 63.6345,

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

61.7500, 63.6345, 85.3720

Protanopia

62.3319, 63.5737, 85.3296

Deuteranopia

64.9774, 63.5005, 85.9229



Tritanopia

60.8851, 63.6485, 81.0279

Trichromacy



Original Color

61.7500, 63.6345, 85.3720

Protanomaly

62.0551, 63.4310, 85.3167

Deuteranomaly

63.9799, 63.6920, 86.0125

Tritanomaly

61.1612, 63.7589, 82.4820

Monochromacy



Original Color

61.7500, 63.6345, 85.3720

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.0570, 63.8761, 74.7569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7500, 63.6345, 85.3720 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, 208, 232) looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 232)  
}
```

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, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.7500, 63.6345, 85.3720 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, 208, 232) }
```


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

```
.border{ border-color:rgb(203, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7500, 63.6345, 85.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 232) }
```

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

```
.background{ background-color: rgb(203,  
208, 232) }
```

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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