

Converting Colors

XYZ(63.3658, 65.8921, 78.3806)

Have a look what the booklet for
XYZ(63.3658, 65.8921, 78.3806)
contains.

XYZ(63.3431, 65.7113, 78.4523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.3431, 65.7113,
78.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D3DE
RGB	211, 211, 222
RGB Percent	83%, 83%, 87%
CMY	0.1725, 0.1725, 0.1294
CMYK	0.05, 0.05, 0.00, 0.13
HSL	240°, 14%, 85%
HSV	240°, 5%, 87%
XYZ	63.3431, 65.7113, 78.4523
YIQ	212.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

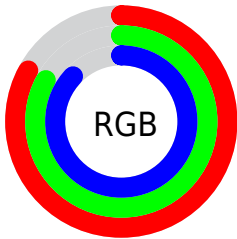
Format	Color
R _Y B	211, 211, 222
Decimal	13882334
CIE Lab	84.85, 2.05, -5.42
CIE LCh	85, 5.795, 290.684
Yxy	65.7113, 0.3053, 0.3167
Android (android.graphics.Color)	4292072414 (0xFFD3D3DE)
YUV	212.2540, 4.8048, -1.0998
Hunter-Lab	81.0625, -2.3776, -0.6371

Details

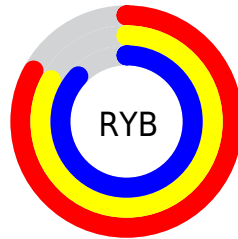
The XYZ color **63.3431, 65.7113, 78.4523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0037, 72.4749, 72.0342**, and the grayscale version is **62.7205, 65.9869, 71.8597**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7423, 33.9719, 41.3907** is the 20% darker color. If you saturate the color by 10%, you get **52.2790, 52.3812, 76.4635**, and if you desaturate by 10%, it is **76.0507, 81.0224, 80.7389**.

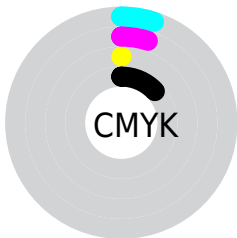
Distribution



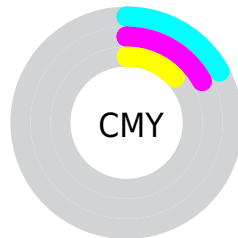
- Red (83%)
- Green (83%)
- Blue (87%)



- Red (83%)
- Yellow (83%)
- Blue (87%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3431, 65.7113, 78.4523 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 63.3431, 65.7113, 78.4523 by changing the saturation by 10% instead.

■ 63.3431, 65.7113,
78.4523

■ 63.3431, 65.7113,
78.4523

426.4535,
445.3437, 509.2701

■ 46.3785, 48.0381,
57.9270

108.7434,
113.0719, 132.9792

■ 32.7505, 33.8570,
41.3356

137.9098,
143.5280, 167.8178

■ 22.0937, 22.7838,
28.2597

171.8742,
179.0139, 208.2646

■ 14.0428, 14.4339,
18.2808

211.0020,
219.9140, 254.7381

■ 8.2323, 8.4231,
10.9803

255.6584,
266.6126, 307.6569

■ 4.2970, 4.3669,
5.9396

306.2089,

■ 1.8715, 1.8808,

319.4941, 367.4394

2.7402

363.0188,
378.9430, 434.5043

■ 0.5602, 0.5368,
0.9635

■ 0.0000, 0.0000,
0.0000

■ 63.3431, 65.7113,
78.4523

■ 63.3431, 65.7113,
78.4523

■ 52.2790, 52.3812,
76.4635

■ 76.0507, 81.0224,
80.7389

■ 42.7858, 40.9431,
74.7560

■ 90.1850, 98.0540,
83.2814

■ 34.7941, 31.3140,
73.3186

■ 28.2271, 23.4012,
72.1375

■ 23.0010, 17.1040,
71.1974

■ 19.0235, 12.3111,
70.4819

■ 16.1907, 8.8973,
69.9723

■ 14.3815, 6.7168,
69.6468

■ 13.4483, 5.5918,
69.4788

Harmonies

Analogous

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



62.0531, 65.7113, 78.8429



63.3431, 65.7113, 78.4523



64.4092, 65.7113, 76.1777

Triad

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



63.3431, 65.7113, 78.4523



64.0528, 65.7113, 66.1551



60.0238, 65.7113, 70.3965

Complementary

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



63.3431, 65.7113, 78.4523



68.0037, 72.4749, 72.0342

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.



60.5439, 65.7113, 67.1106



63.3431, 65.7113, 78.4523



62.8619, 65.7113, 64.7183

Square

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



63.3431, 65.7113, 78.4523



64.8229, 65.7113, 69.0512



61.5784, 65.7113, 65.0620



60.1486, 65.7113, 74.1052

Rectangle

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



63.3431, 65.7113, 78.4523



64.8438, 65.7113, 73.9411



61.5784, 65.7113, 65.0620



60.1288, 65.7113, 69.2080

Sweetspot

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



63.3450, 65.7141, 78.4537



93.3102, 97.9038, 108.5871



66.1467, 71.3567, 79.2665



19.9905, 20.9775, 23.2454



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.



63.3450, 65.7141, 78.4537



84.9564, 87.8388, 107.0846



64.8928, 66.5110, 78.5260



13.6704, 14.1090, 17.3905



7.8320, 3.1336, 41.2404



0.5430, 0.2174, 2.8586

Inverse Universe

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



65.1779, 66.8227, 71.0940



87.9961, 89.6774, 94.8793



66.4015, 71.6501, 71.9594



14.2092, 14.4349, 15.2269



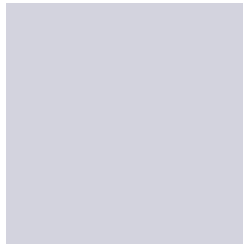
17.8934, 9.2244, 0.8387



1.2403, 0.6394, 0.0584

Previews

White Background



This preview shows how the XYZ color 63.3431, 65.7113, 78.4523 looks on a white background.

Color Contrast Check

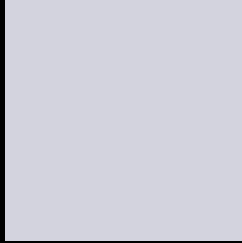
Large Text (above 18pt) WCAG AA × Fail

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 63.3431, 65.7113, 78.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

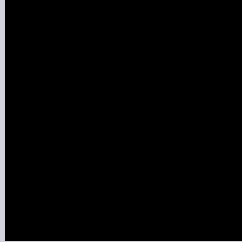
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

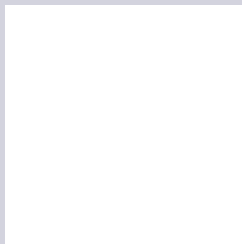
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3431, 65.7113, 78.4523

Background



This preview shows how black text looks on a background with the XYZ color 63.3431, 65.7113, 78.4523.

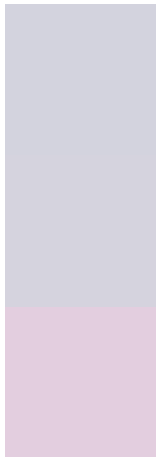


This preview shows how white text looks on a background with the XYZ color 63.3431, 65.7113,

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

63.3431, 65.7113, 78.4523

Protanopia

63.9197, 66.0086, 78.4792

Deuteranopia

67.0691, 65.8012, 78.9780



Tritanopia

64.0631, 65.6363, 81.9656

Trichromacy



Original Color

63.3431, 65.7113, 78.4523

Protanomaly

63.6305, 65.8595, 78.4657

Deuteranomaly

65.6940, 65.8116, 79.0525

Tritanomaly

63.7886, 65.5265, 80.5200

Monochromacy



Original Color

63.3431, 65.7113, 78.4523

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0895, 66.0419, 74.3879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3431, 65.7113, 78.4523 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(211, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 222)  
}
```

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(211, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 63.3431, 65.7113, 78.4523 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(211, 211, 222) }
```


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

```
.border{ border-color:rgb(211, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3431, 65.7113, 78.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 222) }
```

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

```
.background{ background-color: rgb(211,  
211, 222) }
```

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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