

Converting Colors

XYZ(63.2161, 63.9890, 78.9690)

Have a look what the booklet for
XYZ(63.2161, 63.9890, 78.9690)
contains.

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Color

**XYZ(63.1221, 63.7665,
78.7933)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CEDF
RGB	214, 206, 223
RGB Percent	84%, 81%, 87%
CMY	0.1608, 0.1921, 0.1255
CMYK	0.04, 0.08, 0.00, 0.13
HSL	268°, 21%, 84%
HSV	268°, 8%, 87%
XYZ	63.1221, 63.7665, 78.7933
YIQ	210.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

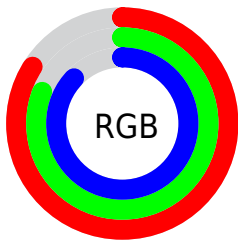
Format	Color
R _{YB}	214, 206, 223
Decimal	14077663
CIE Lab	83.84, 5.87, -7.41
CIE LCh	84, 9.456, 308.371
Yxy	63.7665, 0.3069, 0.3100
Android (android.graphics.Color)	4292267743 (0xFFD6CEDF)
YUV	210.3300, 6.2463, 3.2186
Hunter-Lab	79.8539, 1.3544, -2.6048

Details

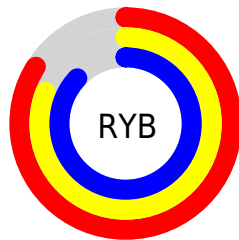
The XYZ color **63.1221, 63.7665, 78.7933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5551, 71.6804, 68.7764**, and the grayscale version is **61.4375, 64.6370, 70.3897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5942, 32.6546, 41.6308** is the 20% darker color. If you saturate the color by 10%, you get **54.8081, 52.0698, 76.9748**, and if you desaturate by 10%, it is **72.4514, 77.1208, 80.8802**.

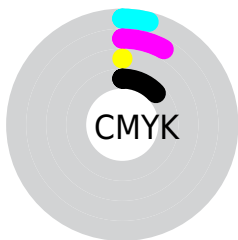
Distribution



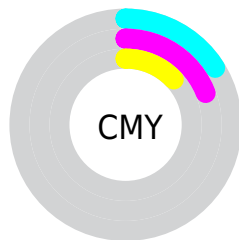
- Red (84%)
- Green (81%)
- Blue (87%)



- Red (84%)
- Yellow (81%)
- Blue (87%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1221, 63.7665, 78.7933 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 63.1221, 63.7665, 78.7933 by changing the saturation by 10% instead.

■ 63.1221, 63.7665,
78.7933

■ 63.1221, 63.7665,
78.7933

425.6651,
438.3459, 510.4559

■ 46.1990, 46.4616,
58.2056

108.4265,
110.2746, 133.4639

■ 32.6082, 32.6102,
41.5581

137.5385,
140.2465, 168.3838

■ 21.9843, 21.8280,
28.4325

171.4441,
175.2096, 208.9181

■ 13.9619, 13.7306,
18.4100

210.5088,
215.5483, 255.4855

■ 8.1757, 7.9335,
11.0723

255.0979,
261.6468, 308.5044

■ 4.2603, 4.0524,
6.0007

305.5768,

■ 1.8504, 1.7029,

313.8897, 368.3935

2.7767

362.3107,
372.6613, 435.5711

■ 0.5478, 0.4256,
0.9818

■ 0.0000, 0.0000,
0.0000

■ 63.1221, 63.7665,
78.7933

■ 63.1221, 63.7665,
78.7933

■ 54.8081, 52.0698,
76.9748

■ 72.4514, 77.1208,
80.8802

■ 47.4665, 41.9560,
75.4095

■ 82.8254, 92.1870,
83.2415

■ 41.0597, 33.3566,
74.0874

■ 88.2988, 97.0661,
83.8948

■ 35.5452, 26.1950,
72.9957

■ 90.3195, 98.1078,
83.9893

■ 30.8768, 20.3877,
72.1208

■ 27.0037, 15.8420,
71.4476

■ 23.8690, 12.4534,
70.9587

■ 21.4065, 10.0994,
70.6341

■ 19.5279, 8.6138,
70.4464

Harmonies

Analogous

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



61.1916, 63.7665, 81.3772



63.1221, 63.7665, 78.7933



64.3984, 63.7665, 73.7343

Triad

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



63.1221, 63.7665, 78.7933



62.0927, 63.7665, 59.3286



56.7408, 63.7665, 71.1099

Complementary

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



63.1221, 63.7665, 78.7933



65.5551, 71.6804, 68.7764

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.



56.9696, 63.7665, 65.2982



63.1221, 63.7665, 78.7933



60.0284, 63.7665, 58.7150

Square

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



63.1221, 63.7665, 78.7933



63.7947, 63.7665, 62.5678



58.1618, 63.7665, 60.8411



57.5295, 63.7665, 76.7783

Rectangle

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



63.1221, 63.7665, 78.7933



64.6900, 63.7665, 69.7567



58.1618, 63.7665, 60.8411



56.7017, 63.7665, 69.1060

Sweetspot

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



63.1240, 63.7692, 78.7947



92.4579, 96.2805, 108.3187



63.0927, 67.0868, 79.4367



19.8170, 20.6470, 23.1907



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.



63.1240, 63.7692, 78.7947



83.8302, 83.9889, 106.4009



65.6496, 65.0712, 78.9129



13.5622, 13.5578, 17.2898



11.3794, 4.9616, 41.4063



0.8915, 0.3969, 2.8749

Inverse Universe

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



64.7708, 64.7398, 73.3757



86.4706, 85.5454, 97.7038



63.1419, 70.4363, 68.6634



14.0090, 13.8212, 15.8176



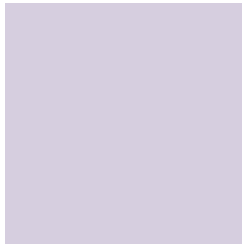
19.8766, 10.0176, 11.2816



1.4229, 0.7124, 1.0197

Previews

White Background



This preview shows how the XYZ color 63.1221, 63.7665, 78.7933 looks on a white background.

Color Contrast Check

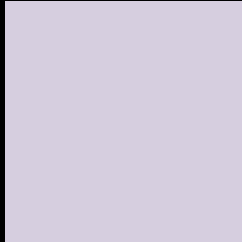
Large Text (above 18pt) WCAG AA × Fail

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 63.1221, 63.7665, 78.7933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

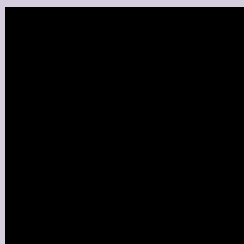
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1221, 63.7665, 78.7933

Background



This preview shows how black text looks on a background with the XYZ color 63.1221, 63.7665, 78.7933.



This preview shows how white text looks on a background with the XYZ color 63.1221, 63.7665,

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

63.1221, 63.7665, 78.7933

Protanopia

62.0228, 63.9035, 79.5867

Deuteranopia

65.2419, 63.7817, 79.3935



Tritanopia

62.9877, 63.7127, 78.0852

Trichromacy



Original Color

63.1221, 63.7665, 78.7933

Protanomaly

62.3457, 63.7091, 79.5321

Deuteranomaly

64.5626, 63.7832, 79.4296

Tritanomaly

62.9877, 63.7127, 78.0852

Monochromacy



Original Color

63.1221, 63.7665, 78.7933

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.9302, 64.3561, 73.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1221, 63.7665, 78.7933 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(214, 206, 223) looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 223)  
}
```

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(214, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 223) }
```

Border

The CSS property to change the border of an element to XYZ 63.1221, 63.7665, 78.7933 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(214, 206, 223) }
```


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

```
.border{ border-color:rgb(214, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1221, 63.7665, 78.7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 223) }
```

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

```
.background{ background-color: rgb(214,  
206, 223) }
```

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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