

Converting Colors

XYZ(61.7008, 63.0647, 77.3273)

Have a look what the booklet for
XYZ(61.7008, 63.0647, 77.3273)
contains.

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Color

**XYZ(61.7008, 63.0647,
77.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CEDD
RGB	210, 206, 221
RGB Percent	82%, 81%, 87%
CMY	0.1765, 0.1921, 0.1333
CMYK	0.05, 0.07, 0.00, 0.13
HSL	256°, 18%, 84%
HSV	256°, 7%, 87%
XYZ	61.7008, 63.0647, 77.3273
YIQ	208.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

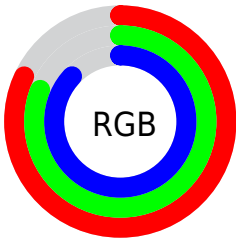
Format	Color
R_{YB}	210, 206, 221
Decimal	13815517
CIE Lab	83.48, 4.16, -6.93
CIE LCh	83, 8.078, 300.959
Yxy	63.0647, 0.3053, 0.3121
Android (android.graphics.Color)	4292005597 (0xFFD2CEDD)
YUV	208.9060, 5.9623, 0.9594
Hunter-Lab	79.4133, -0.2862, -2.1433

Details

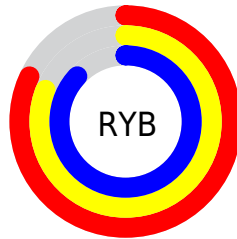
The XYZ color **61.7008, 63.0647, 77.3273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6146, 70.9225, 68.6268**, and the grayscale version is **60.5081, 63.6592, 69.3249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8215, 32.2776, 40.6294** is the 20% darker color. If you saturate the color by 10%, you get **52.3667, 50.9037, 75.4729**, and if you desaturate by 10%, it is **72.2541, 76.9681, 79.4557**.

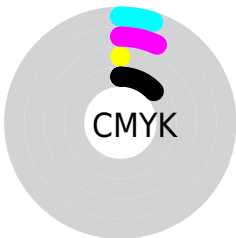
Distribution



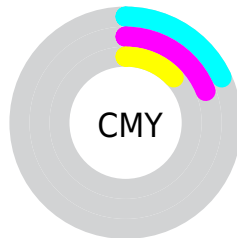
- Red (82%)
- Green (81%)
- Blue (87%)



- Red (82%)
- Yellow (81%)
- Blue (87%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7008, 63.0647, 77.3273 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 61.7008, 63.0647, 77.3273 by changing the saturation by 10% instead.

■ 61.7008, 63.0647,
77.3273

■ 61.7008, 63.0647,
77.3273

420.5738,
435.8043, 505.3465

■ 45.0457, 45.8936,
57.0084

106.3854,
109.2628, 131.3786

■ 31.6948, 32.1618,
40.6026

135.1455,
139.0586, 165.9481

■ 21.2829, 21.4851,
27.6913

168.6714,
173.8314, 206.1049

■ 13.4446, 13.4791,
17.8561

207.3283,
213.9656, 252.2674

■ 7.8145, 7.7593,
10.6783

251.4817,
259.8456, 304.8543

■ 4.0273, 3.9413,
5.7395

301.4968,

■ 1.7176, 1.6408,

311.8558, 364.2841

2.6211

357.7391,
370.3805, 430.9753

■ 0.4672, 0.3849,
0.9033

■ 0.0000, 0.0000,
0.0000

■ 61.7008, 63.0647,
77.3273

■ 61.7008, 63.0647,
77.3273

■ 52.3667, 50.9037,
75.4729

■ 72.2541, 76.9681,
79.4557

■ 44.2015, 40.4080,
73.8774

■ 84.0636, 92.6713,
81.8643

■ 37.1592, 31.5062,
72.5303

■ 90.0513, 98.0005,
82.5773

■ 31.1888, 24.1188,
71.4191

■ 26.2350, 18.1594,
70.5299

■ 22.2374, 13.5325,
69.8475

■ 19.1285, 10.1306,
69.3548

■ 16.8312, 7.8288,
69.0315

■ 15.2500, 6.4685,
68.8523

Harmonies

Analogous

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



59.9978, 63.0647, 78.8316



61.7008, 63.0647, 77.3273



62.9520, 63.0647, 73.4850

Triad

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



61.7008, 63.0647, 77.3273



61.6007, 63.0647, 60.5288



56.6172, 63.0647, 68.8293

Complementary

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



61.7008, 63.0647, 77.3273



65.6146, 70.9225, 68.6268

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.



57.0278, 63.0647, 64.0638



61.7008, 63.0647, 77.3273



59.8844, 63.0647, 59.4155

Square

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



61.7008, 63.0647, 77.3273



62.8934, 63.0647, 63.7956



58.2152, 63.0647, 60.6782



57.0827, 63.0647, 73.7797

Rectangle

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



61.7008, 63.0647, 77.3273



63.3494, 63.0647, 70.2026



58.2152, 63.0647, 60.6782



56.6573, 63.0647, 67.1534

Sweetspot

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



61.7026, 63.0674, 77.3287



92.0817, 96.0865, 108.3011



63.3842, 68.0989, 78.2112



19.7404, 20.6075, 23.1872



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.



61.7026, 63.0674, 77.3287



83.5917, 84.9396, 106.5970



63.8141, 64.1559, 77.4275



12.6626, 12.7842, 16.4523



8.7180, 3.6185, 39.9773



0.6461, 0.2763, 2.5937

Inverse Universe

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



64.4166, 64.5273, 74.7086



88.0208, 87.3226, 102.2994



63.5063, 69.8356, 68.5281



13.4585, 13.2125, 15.6758



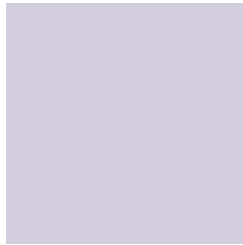
21.1650, 10.4671, 21.0469



1.4062, 0.6921, 1.5478

Previews

White Background



This preview shows how the XYZ color 61.7008, 63.0647, 77.3273 looks on a white background.

Color Contrast Check

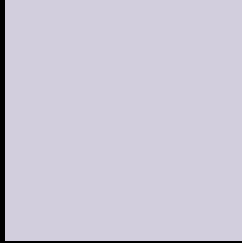
Large Text (above 18pt) WCAG AA × Fail

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 61.7008, 63.0647, 77.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

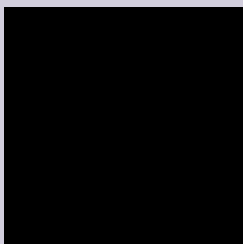
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

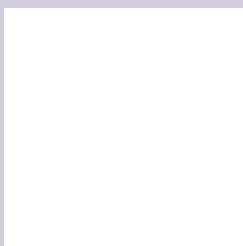
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7008, 63.0647, 77.3273

Background



This preview shows how black text looks on a background with the XYZ color 61.7008, 63.0647, 77.3273.

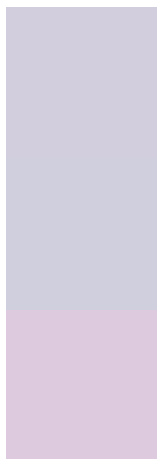


This preview shows how white text looks on a background with the XYZ color 61.7008, 63.0647,

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

61.7008, 63.0647, 77.3273

Protanopia

61.3764, 63.2560, 77.3814

Deuteranopia

64.4295, 63.0446, 77.8803



Tritanopia

61.8345, 63.1182, 78.0312

Trichromacy



Original Color

61.7008, 63.0647, 77.3273

Protanomaly

61.6585, 63.4014, 77.3946

Deuteranomaly

63.4542, 62.8912, 77.9021

Tritanomaly

61.8345, 63.1182, 78.0312

Monochromacy



Original Color

61.7008, 63.0647, 77.3273

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8606, 63.4712, 71.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7008, 63.0647, 77.3273 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, 206, 221) looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 221)  
}
```

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, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.7008, 63.0647, 77.3273 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, 206, 221) }
```


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

```
.border{ border-color:rgb(210, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7008, 63.0647, 77.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 221) }
```

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

```
.background{ background-color: rgb(210,  
206, 221) }
```

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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