

Converting Colors

XYZ(61.1168, 62.3424, 77.5226)

Have a look what the booklet for
XYZ(61.1168, 62.3424, 77.5226)
contains.

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Color

**XYZ(61.1770, 62.4384,
77.2341)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D1CDDD |
| RGB | 209, 205, 221 |
| RGB Percent | 82%, 80%, 87% |
| CMY | 0.1804, 0.1961, 0.1333 |
| CMYK | 0.05, 0.07, 0.00, 0.13 |
| HSL | 255°, 19%, 84% |
| HSV | 255°, 7%, 87% |
| XYZ | 61.1770, 62.4384, 77.2341 |
| YIQ | 208.0200, -2.7520, 5.8240 |

Conversions

Conversions Part 2

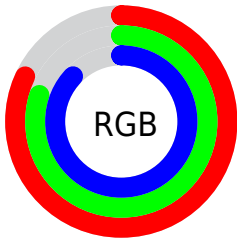
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 209, 205, 221 |
| Decimal | 13749725 |
| CIE _{Lab} | 83.15, 4.35, -7.42 |
| CIE _{LCh} | 83, 8.606, 300.370 |
| Yxy | 62.4384, 0.3046, 0.3109 |
| Android (android.graphics.Color) | 4291939805 (0xFFD1CDDD) |
| YUV | 208.0200, 6.3991, 0.8595 |
| Hunter-Lab | 79.0180, -0.0838, -2.6389 |

Details

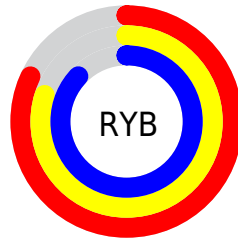
The XYZ color **61.1770, 62.4384, 77.2341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4934, 70.8741, 67.9888**, and the grayscale version is **59.9298, 63.0509, 68.6624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4671, 31.8550, 40.5665** is the 20% darker color. If you saturate the color by 10%, you get **51.8109, 50.3101, 75.3877**, and if you desaturate by 10%, it is **71.7816, 76.3170, 79.3550**.

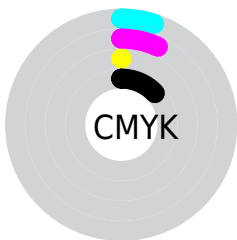
Distribution



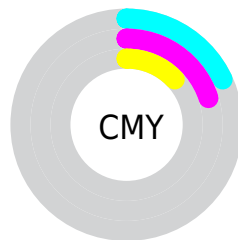
- Red (82%)
- Green (80%)
- Blue (87%)



- Red (82%)
- Yellow (80%)
- Blue (87%)



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



- Cyan (18%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1770, 62.4384, 77.2341 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 61.1770, 62.4384, 77.2341 by changing the saturation by 10% instead.

■ 61.1770, 62.4384,
77.2341

■ 61.1770, 62.4384,
77.2341

418.6882,
433.5284, 505.0207

■ 44.6211, 45.3870,
56.9323

105.6318,
108.3589, 131.2459

■ 31.3591, 31.7624,
40.5419

134.2615,
137.9968, 165.7930

■ 21.0256, 21.1801,
27.6443

167.6465,
172.5990, 205.9257

■ 13.2553, 13.2557,
17.8210

206.1521,
212.5499, 252.0624

■ 7.6828, 7.6049,
10.6534

250.1437,
258.2339, 304.6217

■ 3.9427, 3.8432,
5.7231

299.9867,

■ 1.6698, 1.5862,

310.0354, 364.0221

2.6114

356.0464,
368.3388, 430.6823

■ 0.4372, 0.3483,
0.8983

■ 0.0000, 0.0000,
0.0000

■ 61.1770, 62.4384,
77.2341

■ 61.1770, 62.4384,
77.2341

■ 51.8109, 50.3101,
75.3877

■ 71.7816, 76.3170,
79.3550

■ 43.6317, 39.8541,
73.8006

■ 83.6626, 92.0040,
81.7567

■ 36.5924, 30.9986,
72.4623

■ 90.0513, 98.0005,
82.5774

■ 30.6407, 23.6631,
71.3601

■ 25.7197, 17.7600,
70.4801

■ 21.7674, 13.1928,
69.8068

■ 18.7147, 9.8526,
69.3230

■ 16.4820, 7.6127,
69.0083

■ 14.9690, 6.3075,
68.8361

Harmonies

Analogous

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



59.3690, 62.4384, 78.7781



61.1770, 62.4384, 77.2341



62.5171, 62.4384, 73.1886

Triad

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



61.1770, 62.4384, 77.2341



61.1361, 62.4384, 59.4444



55.8323, 62.4384, 68.0512

Complementary

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



61.1770, 62.4384, 77.2341



65.4934, 70.8741, 67.9888

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.



56.2836, 62.4384, 63.0337



61.1770, 62.4384, 77.2341



59.3227, 62.4384, 58.2253

Square

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



61.1770, 62.4384, 77.2341



62.4932, 62.4384, 62.9245



57.5516, 62.4384, 59.5051



56.3060, 62.4384, 73.3094

Rectangle

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



61.1770, 62.4384, 77.2341



62.9512, 62.4384, 69.7169



57.5516, 62.4384, 59.5051



55.8808, 62.4384, 66.2816

Sweetspot

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



61.1788, 62.4411, 77.2355



92.0510, 96.0707, 108.2996



63.1117, 67.9648, 78.1998



19.7342, 20.6042, 23.1869



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.



61.1788, 62.4411, 77.2355



82.1083, 83.1012, 106.3203



63.4206, 63.5967, 77.3404



12.6420, 12.7736, 16.4514



8.5916, 3.5533, 39.9714



0.6355, 0.2709, 2.5932

Inverse Universe

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



64.1767, 64.0473, 74.6285



87.2510, 85.8575, 101.8134



63.2480, 69.7165, 67.8837



13.4681, 13.2163, 15.7263



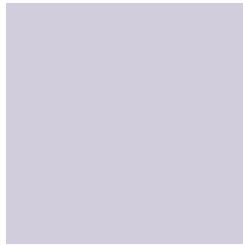
21.3563, 10.5436, 22.0543



1.4172, 0.6965, 1.6059

Previews

White Background



This preview shows how the XYZ color 61.1770, 62.4384, 77.2341 looks on a white background.

Color Contrast Check

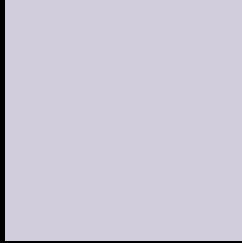
Large Text (above 18pt) WCAG AA × Fail

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 61.1770, 62.4384, 77.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

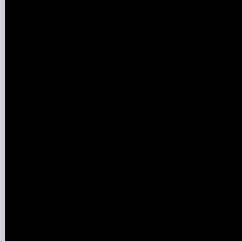
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1770, 62.4384, 77.2341

Background



This preview shows how black text looks on a background with the XYZ color 61.1770, 62.4384, 77.2341.

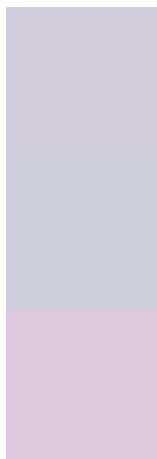


This preview shows how white text looks on a background with the XYZ color 61.1770, 62.4384,

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

61.1770, 62.4384, 77.2341

Protanopia

60.8546, 62.6285, 77.2877

Deuteranopia

63.5867, 62.2629, 77.7738



Tritanopia

61.1770, 62.4384, 77.2341

Trichromacy



Original Color

61.1770, 62.4384, 77.2341

Protanomaly

61.1349, 62.7730, 77.3009

Deuteranomaly

62.6242, 62.1139, 77.7958

Tritanomaly

61.1770, 62.4384, 77.2341

Monochromacy



Original Color

61.1770, 62.4384, 77.2341

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3355, 62.8396, 71.9000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1770, 62.4384, 77.2341 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(209, 205, 221) looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 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(209, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.1770, 62.4384, 77.2341 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(209, 205, 221) }
```


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

```
.border{ border-color:rgb(209, 205, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 221);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1770, 62.4384, 77.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 221) }
```

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

```
.background{ background-color: rgb(209,  
205, 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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