

Converting Colors

XYZ(62.0167, 60.2079, 75.3713)

Have a look what the booklet for
XYZ(62.0167, 60.2079, 75.3713)
contains.

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Color

**XYZ(61.9659, 60.1070,
75.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC5DB
RGB	219, 197, 219
RGB Percent	86%, 77%, 86%
CMY	0.1412, 0.2274, 0.1412
CMYK	0.00, 0.10, 0.00, 0.14
HSL	300°, 23%, 82%
HSV	300°, 10%, 86%
XYZ	61.9659, 60.1070, 75.3537
YIQ	206.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

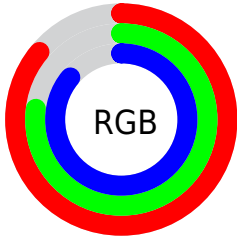
Format	Color
R _Y B	219, 197, 219
Decimal	14403035
CIE Lab	81.90, 11.59, -8.12
CIE LCh	82, 14.148, 324.973
Yxy	60.1070, 0.3139, 0.3045
Android (android.graphics.Color)	4292593115 (0xFFDBC5DB)
YUV	206.0860, 6.3666, 11.3256
Hunter-Lab	77.5287, 6.9934, -3.3566

Details

The XYZ color **61.9659, 60.1070, 75.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4379, 66.5664, 62.5951**, and the grayscale version is **58.6805, 61.7365, 67.2311**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.8331, 30.2178, 39.2768** is the 20% darker color. If you saturate the color by 10%, you get **57.3506, 50.8756, 73.8157**, and if you desaturate by 10%, it is **67.3071, 70.7884, 77.1351**.

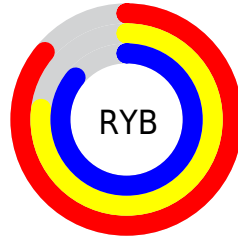
Distribution



Red (86%)

Green (77%)

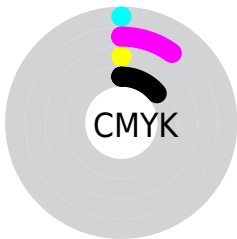
Blue (86%)



Red (86%)

Yellow (77%)

Blue (86%)

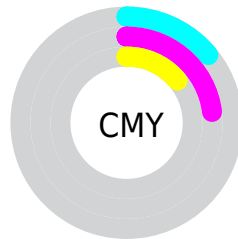


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (23%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9659, 60.1070, 75.3537 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 61.9659, 60.1070, 75.3537 by changing the saturation by 10% instead.

61.9659, 60.1070,
75.3537

61.9659, 60.1070,
75.3537

421.5262,
424.9921, 498.4202

45.2606, 43.5049,
55.3992

106.7665,
104.9849, 128.5646

31.8649, 30.2815,
39.3207

135.5925,
134.0294, 162.6581

21.4134, 20.0523,
26.6995

169.1895,
167.9902, 202.3018

13.5407, 12.4331,
17.1173

207.9227,
207.2517, 247.9140

7.8815, 7.0393,
10.1553

252.1577,
252.1982, 299.9134

4.0704, 3.4867,
5.3951

302.2597,

1.7420, 1.3908,

303.2142, 358.7186

2.4181

358.5941,
360.6840, 424.7480

■ 0.4824, 0.2099,
0.7963

■ 0.0000, 0.0000,
0.0000

■ 61.9659, 60.1070,
75.3537

■ 61.9659, 60.1070,
75.3537

■ 57.3506, 50.8756,
73.8157

■ 67.3071, 70.7884,
77.1351

■ 53.4249, 43.0243,
72.5068


■ 73.3981, 82.9703,
79.1657


■ 50.1574, 36.4893,
71.4174


■ 77.7605, 91.6950,
80.6201


■ 47.5119, 31.1985,
70.5353


■ 77.7605, 91.6950,
80.6205


 45.4492, 27.0731,
69.8474


 77.7606, 91.6950,
80.6208


 43.9251, 24.0250,
69.3391


 77.7607, 91.6950,
80.6211


 42.8896, 21.9541,
68.9936

 77.7607, 91.6950,
80.6214

 42.2830, 20.7410,
68.7911

 77.7608, 91.6951,
80.6217

 41.9998, 20.1747,
68.6964

 77.7608, 91.6951,
80.6220

Harmonies

Analogous

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



59.5905, 60.1070, 81.5270



61.9659, 60.1070, 75.3537



63.0475, 60.1070, 66.8988

Triad

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



61.9659, 60.1070, 75.3537



57.6349, 60.1070, 50.3832



52.0775, 60.1070, 72.6433

Complementary

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



61.9659, 60.1070, 75.3537



58.4379, 66.5664, 62.5951

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.



51.5947, 60.1070, 64.0149



61.9659, 60.1070, 75.3537



54.7380, 60.1070, 51.6327

Square

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



61.9659, 60.1070, 75.3537



60.4919, 60.1070, 52.8736



52.5523, 60.1070, 56.4478



53.8948, 60.1070, 79.8690

Rectangle

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



61.9659, 60.1070, 75.3537



62.8629, 60.1070, 61.2857



52.5523, 60.1070, 56.4478



51.7565, 60.1070, 69.7911

Sweetspot

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



61.9677, 60.1096, 75.3550



92.6579, 95.2158, 108.1025



55.7810, 56.9203, 75.0658



19.6992, 20.1134, 23.0939



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.



61.9677, 60.1096, 75.3550



86.0532, 82.0065, 105.9006



60.5669, 59.5493, 67.9786



13.6144, 13.2749, 16.4968



24.9034, 11.9624, 40.7330



1.6134, 0.7750, 2.6389

Inverse Universe

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



61.9677, 60.1096, 75.3550



86.0532, 82.0065, 105.9006



59.7448, 67.0892, 69.4773



13.6144, 13.2749, 16.4968



24.9034, 11.9624, 40.7330



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 61.9659, 60.1070, 75.3537 looks on a white background.

Color Contrast Check

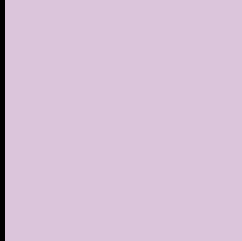
Large Text (above 18pt) WCAG AA × Fail

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 61.9659, 60.1070, 75.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

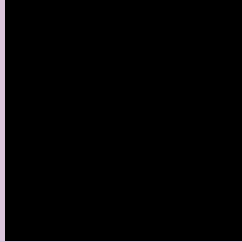
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9659, 60.1070, 75.3537

Background



This preview shows how black text looks on a background with the XYZ color 61.9659, 60.1070, 75.3537.



This preview shows how white text looks on a background with the XYZ color 61.9659, 60.1070,

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

61.9659, 60.1070, 75.3537

Protanopia

58.6625, 60.0715, 77.6104

Deuteranopia

61.5955, 60.2544, 75.4017



Tritanopia

61.1178, 60.0977, 71.3296

Trichromacy



Original Color

61.9659, 60.1070, 75.3537

Protanomaly

59.7178, 59.9389, 76.8285

Deuteranomaly

61.8937, 60.4081, 75.4156

Tritanomaly

61.3733, 60.1999, 72.6750

Monochromacy



Original Color

61.9659, 60.1070, 75.3537

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9778, 61.2639, 70.2920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9659, 60.1070, 75.3537 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(219, 197, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 219)  
}
```

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(219, 197, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 219) }
```

Border

The CSS property to change the border of an element to XYZ 61.9659, 60.1070, 75.3537 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(219, 197, 219) }
```


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

```
.border{ border-color:rgb(219, 197, 219) }
```

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

Here you see how a box with a 4 pixel rgb(219, 197, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9659, 60.1070, 75.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 219) }
```

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

```
.background{ background-color: rgb(219,  
197, 219) }
```

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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