

# Converting Colors

XYZ(61.8755, 61.1702, 71.4976)

Have a look what the booklet for  
XYZ(61.8755, 61.1702, 71.4976)  
contains.

<b>XYZ(61.8779, 61.1727, 71.4970)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(61.8779, 61.1727,  
71.4970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBC8D5
RGB	219, 200, 213
RGB Percent	86%, 78%, 84%
CMY	0.1412, 0.2157, 0.1647
CMYK	0.00, 0.09, 0.03, 0.14
HSL	319°, 21%, 82%
HSV	319°, 9%, 86%
XYZ	61.8779, 61.1727, 71.4970
YIQ	207.1630, 7.1510, 8.0710

# Conversions

## Conversions Part 2

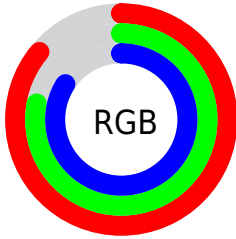
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	219, 200, 213
Decimal	14403797
CIE Lab	82.47, 8.90, -4.06
CIE LCh	82, 9.782, 335.495
Yxy	61.1727, 0.3181, 0.3144
Android (android.graphics.Color)	4292593877 (0xFFDBC8D5)
YUV	207.1630, 2.8776, 10.3810
Hunter-Lab	78.2130, 4.3469, 0.5502

# Details

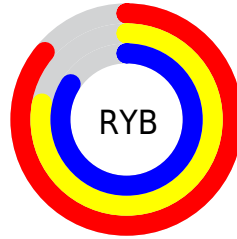
The XYZ color **61.8779, 61.1727, 71.4970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2938, 67.4002, 68.2274**, and the grayscale version is **59.3935, 62.4866, 68.0479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7603, 30.9189, 36.6417** is the 20% darker color. If you saturate the color by 10%, you get **56.3059, 51.4032, 65.4004**, and if you desaturate by 10%, it is **68.2174, 72.4155, 78.0357**.

# Distribution



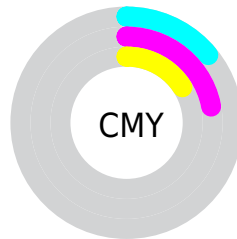
- Red (86%)
- Green (78%)
- Blue (84%)



- Red (86%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8779, 61.1727, 71.4970 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 61.8779, 61.1727, 71.4970 by changing the saturation by 10% instead.



61.8779, 61.1727,  
71.4970

61.8779, 61.1727,  
71.4970

421.2102,  
428.9069, 484.7193

45.1893, 44.3646,  
52.2636

106.6400,  
106.5290, 123.0422

31.8084, 30.9572,  
36.8315

135.4441,  
135.8459, 156.1910

21.3701, 20.5663,  
24.7823

169.0175,  
170.1011, 194.8154

13.5088, 12.8073,  
15.6974

207.7255,  
209.6792, 239.3338

7.8592, 7.2960,  
9.1582

251.9334,  
254.9644, 290.1649

4.0560, 3.6479,  
4.7463

302.0066,

1.7339, 1.4786,

306.3411, 347.7272

2.0431

358.3104,  
364.1939, 412.4391

■ 0.4773, 0.2736,  
0.5816

■ 0.0000, 0.0000,  
0.0000

■ 61.8779, 61.1727,  
71.4970

■ 61.8779, 61.1727,  
71.4970

■ 56.3059, 51.4032,  
65.4004

■ 68.2174, 72.4155,  
78.0357

■ 51.4649, 43.0373,  
59.7292

■ 75.3484, 85.1815,  
85.0244

■ 47.3232, 36.0117,  
54.4714

■ 79.7895, 92.5066,  
91.3058

■ 43.8449, 30.2550,  
49.6125

■ 80.8016, 92.9114,  
96.6355

■ 40.9904, 25.6891,  
45.1369

■ 81.8530, 93.3319,  
102.1718

■ 38.7160, 22.2273,  
41.0277

■ 82.9440, 93.7683,  
107.9169

■ 36.9720, 19.7711,  
37.2657

■ 83.0238, 93.8003,  
108.3372

■ 35.7000, 18.2043,  
33.8289

■ 34.8108, 17.3495,  
30.6850

# Harmonies

## Analogous

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



60.5083, 61.1727, 76.4267



61.8779, 61.1727, 71.4970



62.2368, 61.1727, 65.5104

# Triad

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



61.8779, 61.1727, 71.4970



57.7588, 61.1727, 55.7914



54.9309, 61.1727, 73.5174

# Complementary

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



61.8779, 61.1727, 71.4970



60.2938, 67.4002, 68.2274

# 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.



54.2324, 61.1727, 67.7151



61.8779, 61.1727, 71.4970



55.8398, 61.1727, 57.6661

# Square

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



61.8779, 61.1727, 71.4970



59.8262, 61.1727, 56.6705



54.5611, 61.1727, 61.9446



56.4913, 61.1727, 77.6413



# Rectangle

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



61.8779, 61.1727, 71.4970



61.8473, 61.1727, 61.7731



54.5611, 61.1727, 61.9446



54.5893, 61.1727, 71.6860

# Sweetspot

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



61.8797, 61.1754, 71.4983



92.2713, 95.0611, 106.0667



58.8133, 59.5050, 75.4045



19.5946, 20.0715, 22.5426



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.



61.8797, 61.1754, 71.4983



86.1780, 84.2878, 99.6791



60.7449, 60.7214, 65.5226



13.4302, 13.2012, 15.5269



20.6299, 10.2530, 18.2289



1.3749, 0.6796, 1.3830



# Inverse Universe

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



61.8797, 61.1754, 71.4983



86.1780, 84.2878, 99.6791



61.4443, 67.8604, 74.2860



13.4302, 13.2012, 15.5269



20.6299, 10.2530, 18.2289

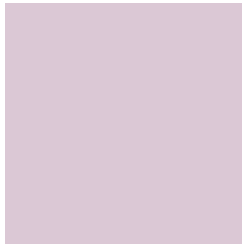


1.3749, 0.6796, 1.3830



# Previews

## White Background



This preview shows how the XYZ color 61.8779, 61.1727, 71.4970 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

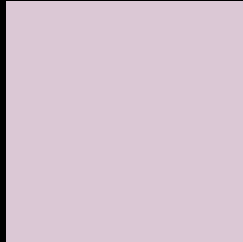
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.8779, 61.1727, 71.4970 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 61.8779, 61.1727, 71.4970

## Background



This preview shows how black text looks on a background with the XYZ color 61.8779, 61.1727, 71.4970.



This preview shows how white text looks on a background with the XYZ color 61.8779, 61.1727,

71.4970.

# 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

61.8779, 61.1727, 71.4970

### Protanopia

59.3122, 61.2138, 72.9793

### Deuteranopia

62.5579, 61.1805, 71.4627



## Tritanopia

62.1334, 61.2749, 72.8424

# Trichromacy



## Original Color

61.8779, 61.1727, 71.4970

## Protanomaly

60.3575, 61.4158, 72.2916

## Deuteranomaly

62.2525, 61.0231, 71.4484

## Tritanomaly

62.0053, 61.2237, 72.1676

# Monochromacy



## Original Color

61.8779, 61.1727, 71.4970

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.9655, 61.6381, 69.0584

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.8779, 61.1727, 71.4970 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, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 213)  
}
```

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, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 61.8779, 61.1727, 71.4970 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, 200, 213) }
```



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

```
.border{ border-color:rgb(219, 200, 213) }
```

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

Here you see how a box with a 4 pixel rgb(219, 200, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.8779, 61.1727, 71.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 213) }
```

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

```
.background{ background-color: rgb(219,  
200, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor