

Converting Colors

XYZ(61.1853, 61.2328, 68.2688)

Have a look what the booklet for
XYZ(61.1853, 61.2328, 68.2688)
contains.

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Color

**XYZ(61.1853, 61.2328,
68.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC9D0
RGB	218, 201, 208
RGB Percent	85%, 79%, 82%
CMY	0.1451, 0.2117, 0.1843
CMYK	0.00, 0.08, 0.05, 0.15
HSL	335°, 19%, 82%
HSV	335°, 8%, 85%
XYZ	61.1853, 61.2328, 68.2688
YIQ	206.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

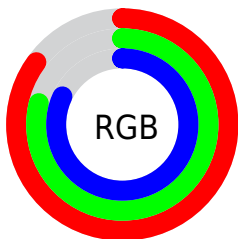
Format	Color
R _Y B	218, 201, 208
Decimal	14338512
CIE Lab	82.50, 7.14, -1.35
CIE LCh	83, 7.265, 349.330
Yxy	61.2328, 0.3209, 0.3211
Android (android.graphics.Color)	4292528592 (0xFFDAC9D0)
YUV	206.8810, 0.5517, 9.7514
Hunter-Lab	78.2514, 2.6304, 3.0496

Details

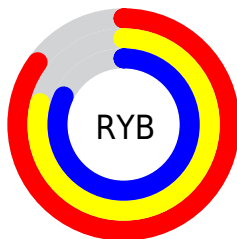
The XYZ color **61.1853, 61.2328, 68.2688** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9191, 67.2652, 71.4041**, and the grayscale version is **59.2261, 62.3104, 67.8561**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3707, 30.9871, 34.8995** is the 20% darker color. If you saturate the color by 10%, you get **54.9452, 51.1761, 58.7156**, and if you desaturate by 10%, it is **68.2778, 72.7883, 78.7373**.

Distribution



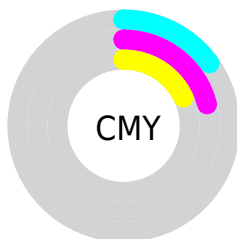
- Red (85%)
- Green (79%)
- Blue (82%)



- Red (85%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1853, 61.2328, 68.2688 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 61.1853, 61.2328, 68.2688 by changing the saturation by 10% instead.

61.1853, 61.2328,
68.2688

61.1853, 61.2328,
68.2688

418.7182,
429.1271, 473.0717

44.6278, 44.4131,
49.6484

105.6438,
106.6159, 118.3944

31.3644, 30.9954,
34.7649

134.2755,
135.9481, 150.7368

21.0297, 20.5953,
23.1997

167.6627,
170.2200, 188.4901

13.2583, 12.8285,
14.5344

206.1707,
209.8158, 232.0731

7.6849, 7.3106,
8.3503

250.1649,
255.1200, 281.9042

3.9441, 3.6571,
4.2289

300.0107,

1.6705, 1.4836,

306.5170, 338.4020

1.7517

356.0733,
364.3913, 401.9850

■ 0.4377, 0.2772,
0.3958

■ 0.0000, 0.0000,
0.0000

■ 61.1853, 61.2328,
68.2688

■ 61.1853, 61.2328,
68.2688

■ 54.9452, 51.1761,
58.7156

■ 68.2778, 72.7883,
78.7373

■ 49.5190, 42.5486,
50.0478

■ 76.2487, 85.8926,
90.1420

■ 44.8730, 35.2870,
42.2396

■ 81.3823, 93.1090,
101.2587

■ 40.9690, 29.3202,
35.2622

■ 82.7239, 93.6456,
108.3231

■ 37.7654, 24.5703,
29.0852

■ 35.2164, 20.9514,
23.6758

■ 33.2703, 18.3659,
18.9984

■ 31.8667, 16.6994,
15.0136

■ 30.9225, 15.7925,
11.6732

Harmonies

Analogous

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



60.4953, 61.2328, 72.4047



61.1853, 61.2328, 68.2688



61.0647, 61.2328, 63.8801

Triad

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



61.1853, 61.2328, 68.2688



57.2167, 61.2328, 58.9203



56.2747, 61.2328, 73.3741

Complementary

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



61.1853, 61.2328, 68.2688



60.9191, 67.2652, 71.4041

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.



55.4262, 61.2328, 69.5444



61.1853, 61.2328, 68.2688



55.9634, 61.2328, 61.2504

Square

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



61.1853, 61.2328, 68.2688



58.7548, 61.2328, 58.6129



55.3133, 61.2328, 65.1005



57.6486, 61.2328, 75.4382

Rectangle

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



61.1853, 61.2328, 68.2688



60.5414, 61.2328, 61.3954



55.3133, 61.2328, 65.1005



55.9196, 61.2328, 72.2429

Sweetspot

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



61.1870, 61.2355, 68.2701



92.9651, 96.5973, 105.8403



60.3839, 60.6747, 74.8594



19.9202, 20.7114, 22.6863



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.



61.1870, 61.2355, 68.2701



86.0622, 85.3820, 95.5532



60.6767, 61.5621, 63.9462



13.2772, 13.1400, 14.7208



18.4717, 9.3897, 6.8637



1.2389, 0.6252, 0.6667

Inverse Universe

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



61.1870, 61.2355, 68.2701



86.0622, 85.3820, 95.5532



61.4499, 66.8923, 76.0034



13.2772, 13.1400, 14.7208



18.4717, 9.3897, 6.8637



1.2389, 0.6252, 0.6667

Previews

White Background



This preview shows how the XYZ color 61.1853, 61.2328, 68.2688 looks on a white background.

Color Contrast Check

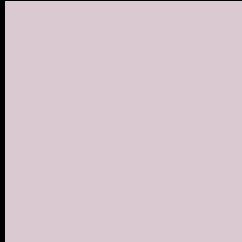
Large Text (above 18pt) WCAG AA × Fail

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 61.1853, 61.2328, 68.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

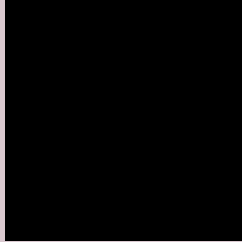
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1853, 61.2328, 68.2688

Background



This preview shows how black text looks on a background with the XYZ color 61.1853, 61.2328, 68.2688.



This preview shows how white text looks on a background with the XYZ color 61.1853, 61.2328,

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

61.1853, 61.2328, 68.2688

Protanopia

59.2381, 61.2488, 69.6728

Deuteranopia

62.5491, 61.2482, 68.1999



Tritanopia

62.2624, 61.3265, 73.5214

Trichromacy



Original Color

61.1853, 61.2328, 68.2688

Protanomaly

60.0159, 61.3124, 68.9929

Deuteranomaly

62.1636, 61.3922, 68.2480

Tritanomaly

61.8779, 61.1727, 71.4970

Monochromacy



Original Color

61.1853, 61.2328, 68.2688

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9578, 62.0165, 67.8418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1853, 61.2328, 68.2688 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(218, 201, 208) looks like.

```
.text, #text, p{  
    color:rgb(218, 201, 208)  
}
```

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(218, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 201, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.1853, 61.2328, 68.2688 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(218, 201, 208) }
```


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

```
.border{ border-color:rgb(218, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(218, 201,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1853, 61.2328, 68.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 201, 208) }
```

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

```
.background{ background-color: rgb(218,  
201, 208) }
```

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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