

Converting Colors

XYZ(61.0069, 62.4868, 63.6479)

Have a look what the booklet for
XYZ(61.0069, 62.4868, 63.6479)
contains.

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Color

**XYZ(61.1701, 62.7382,
63.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	DACDC8
RGB	218, 205, 200
RGB Percent	85%, 80%, 78%
CMY	0.1451, 0.1961, 0.2157
CMYK	0.00, 0.06, 0.08, 0.15
HSL	17°, 20%, 82%
HSV	17°, 8%, 85%
XYZ	61.1701, 62.7382, 63.5293
YIQ	208.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

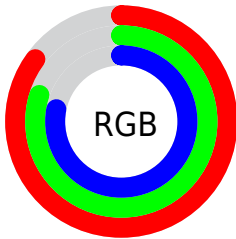
Format	Color
R_{YB}	218, 207, 200
Decimal	14339528
CIE Lab	83.30, 3.65, 4.09
CIE LCh	83, 5.485, 48.254
Yxy	62.7382, 0.3263, 0.3347
Android (android.graphics.Color)	4292529608 (0xFFDACDC8)
YUV	208.3170, -4.1003, 8.4920
Hunter-Lab	79.2074, -0.7616, 7.8909

Details

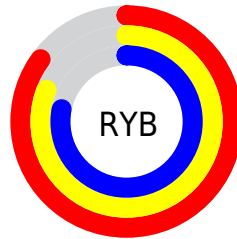
The XYZ color **61.1701, 62.7382, 63.5293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2684, 64.9288, 75.6864**, and the grayscale version is **60.1829, 63.3171, 68.9523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3592, 31.9951, 31.7170** is the 20% darker color. If you saturate the color by 10%, you get **55.2246, 54.6375, 49.8610**, and if you desaturate by 10%, it is **67.8612, 71.7473, 79.2399**.

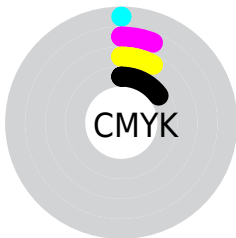
Distribution



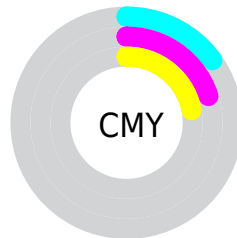
- Red (85%)
- Green (80%)
- Blue (78%)



- Red (85%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1701, 62.7382, 63.5293 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 61.1701, 62.7382, 63.5293 by changing the saturation by 10% instead.

■ 61.1701, 62.7382,
63.5293

■ 61.1701, 62.7382,
63.5293

418.6634,
434.6187, 455.6486

■ 44.6155, 45.6294,
45.8258

105.6219,
108.7917, 111.5257

■ 31.3547, 31.9535,
31.7607

134.2498,
138.5053, 142.6557

■ 21.0222, 21.3260,
20.9155

167.6330,
173.1892, 179.0983

■ 13.2528, 13.3625,
12.8716

206.1366,
213.2280, 221.2719

■ 7.6811, 7.6786,
7.2105

250.1261,
259.0059, 269.5953

■ 3.9416, 3.8900,
3.5137

299.9668,

■ 1.6692, 1.6122,

310.9074, 324.4868

1.3625

356.0241,
369.3169, 386.3651

■ 0.4369, 0.3658,
0.1122

■ 0.0000, 0.0000,
0.0000

■ 61.1701, 62.7382,
63.5293

■ 61.1701, 62.7382,
63.5293

■ 55.2246, 54.6375,
49.8610

■ 67.8612, 71.7473,
79.2399

■ 49.9931, 47.4086,
38.1468

■ 75.3178, 81.6837,
97.0681

■ 45.4492, 41.0243,
28.2978

■ 81.8448, 91.8877,
108.0302

■ 41.5630, 35.4530,
20.2166

■ 82.7238, 93.6456,
108.3231

■ 38.3022, 30.6610,
13.7972

■ 35.6314, 26.6122,
8.9217

■ 33.5115, 23.2672,
5.4567

■ 31.8980, 20.5828,
3.2457

■ 30.7313, 18.5074,
2.0617

Harmonies

Analogous

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



61.8343, 62.7382, 66.2755



61.1701, 62.7382, 63.5293



60.0986, 62.7382, 62.0833

Triad

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



61.1701, 62.7382, 63.5293



57.4145, 62.7382, 66.9835



60.3517, 62.7382, 74.7373

Complementary

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



61.1701, 62.7382, 63.5293



60.2684, 64.9288, 75.6864

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.



59.1653, 62.7382, 74.9423



61.1701, 62.7382, 63.5293



57.4802, 62.7382, 70.3882

Square

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



61.1701, 62.7382, 63.5293



57.9368, 62.7382, 64.0327



58.1175, 62.7382, 73.3273



61.3574, 62.7382, 72.7762

Rectangle

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



61.1701, 62.7382, 63.5293



59.3023, 62.7382, 62.0181



58.1175, 62.7382, 73.3273



59.9605, 62.7382, 75.0163

Sweetspot

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



61.1718, 62.7409, 63.5306



93.0762, 97.3489, 104.2449



61.6042, 61.0292, 71.6177



19.9428, 20.8645, 22.3614



0.0000, 0.0000, 0.0000



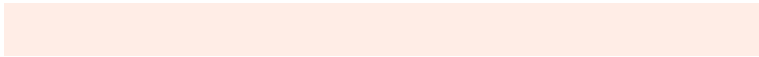
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1718, 62.7409, 63.5306



85.6180, 87.2756, 86.8286



63.3355, 67.0683, 64.2519



13.3492, 13.6378, 13.6544



18.3875, 11.0605, 1.1658



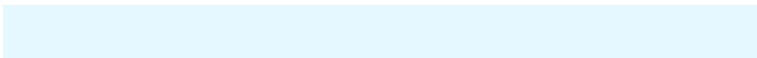
1.2631, 0.8603, 0.0995

Inverse Universe

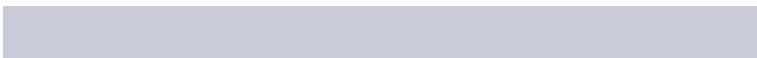
The Inverse Universe completely reimagines the original color for something new.



60.2684, 64.9288, 75.6864



84.0630, 91.0406, 107.7497



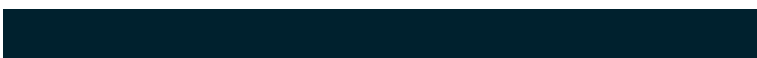
58.1156, 60.6231, 74.9688



13.1230, 14.1857, 16.6986



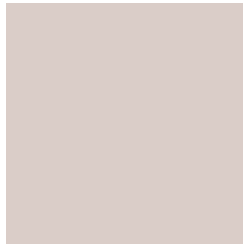
14.9401, 17.7496, 42.3770



1.0389, 1.2920, 2.7691

Previews

White Background



This preview shows how the XYZ color 61.1701, 62.7382, 63.5293 looks on a white background.

Color Contrast Check

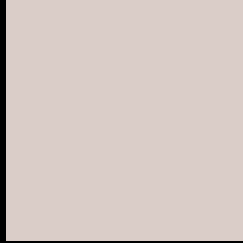
Large Text (above 18pt) WCAG AA × Fail

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 61.1701, 62.7382, 63.5293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

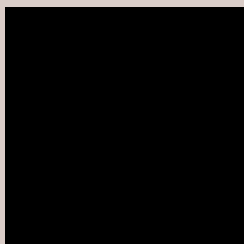
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

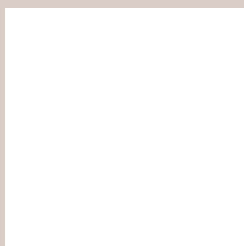
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1701, 62.7382, 63.5293

Background



This preview shows how black text looks on a background with the XYZ color 61.1701, 62.7382, 63.5293.

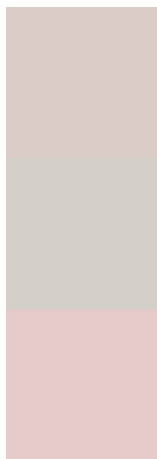


This preview shows how white text looks on a background with the XYZ color 61.1701, 62.7382,

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

61.1701, 62.7382, 63.5293

Protanopia

60.2960, 62.9888, 64.2385

Deuteranopia

64.0624, 62.8133, 64.0061



Tritanopia

63.5942, 62.6752, 75.0754

Trichromacy



Original Color

61.1701, 62.7382, 63.5293

Protanomaly

60.6383, 62.8067, 64.1853

Deuteranomaly

63.0272, 62.6269, 64.0246

Tritanomaly

62.6290, 62.6307, 70.4160

Monochromacy



Original Color

61.1701, 62.7382, 63.5293

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.4836, 63.0305, 66.7359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1701, 62.7382, 63.5293 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, 205, 200) looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 200)  
}
```

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, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.1701, 62.7382, 63.5293 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, 205, 200) }
```


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

```
.border{ border-color:rgb(218, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1701, 62.7382, 63.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 200) }
```

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

```
.background{ background-color: rgb(218,  
205, 200) }
```

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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