

Converting Colors

XYZ(62.5799, 67.2458, 72.5145)

Have a look what the booklet for
XYZ(62.5799, 67.2458, 72.5145)
contains.

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Color

**XYZ(62.5785, 67.3257,
72.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D8D5
RGB	208, 216, 213
RGB Percent	82%, 85%, 84%
CMY	0.1843, 0.1529, 0.1647
CMYK	0.04, 0.00, 0.01, 0.15
HSL	157°, 9%, 83%
HSV	157°, 4%, 85%
XYZ	62.5785, 67.3257, 72.6477
YIQ	213.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

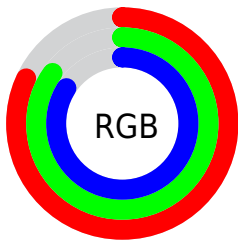
Format	Color
R _Y B	208, 213, 216
Decimal	13686997
CIE Lab	85.67, -3.25, 0.53
CIE LCh	86, 3.291, 170.794
Yxy	67.3257, 0.3090, 0.3324
Android (android.graphics.Color)	4291877077 (0xFFD0D8D5)
YUV	213.2660, -0.1311, -4.6183
Hunter-Lab	82.0522, -7.4554, 4.9422

Details

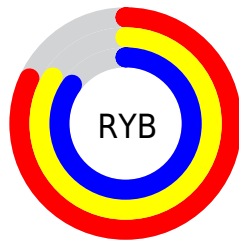
The XYZ color **62.5785, 67.3257, 72.6477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6351, 64.4155, 70.7635**, and the grayscale version is **63.4281, 66.7313, 72.6704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2429, 34.8284, 37.3709** is the 20% darker color. If you saturate the color by 10%, you get **55.9112, 64.0064, 67.0992**, and if you desaturate by 10%, it is **70.1281, 71.0977, 78.5088**.

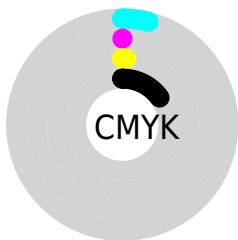
Distribution



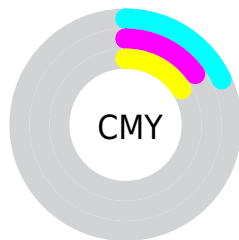
- Red (82%)
- Green (85%)
- Blue (84%)



- Red (82%)
- Yellow (84%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5785, 67.3257, 72.6477 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 62.5785, 67.3257, 72.6477 by changing the saturation by 10% instead.

■ 62.5785, 67.3257,
72.6477

■ 62.5785, 67.3257,
72.6477

423.7222,
451.1032, 488.8309

■ 45.7577, 49.3494,
53.1979

107.6464,
115.3870, 124.6932

■ 32.2584, 34.8967,
37.5719

136.6242,
146.2407, 158.1260

■ 21.7155, 23.5833,
25.3514

170.3851,
182.1557, 197.0568

■ 13.7634, 15.0248,
16.1176

209.2943,
223.5163, 241.9043

■ 8.0369, 8.8368,
9.4522

253.7172,
270.7070, 293.0869

■ 4.1706, 4.6349,
4.9365

304.0193,

■ 1.7991, 2.0347,

324.1121, 351.0231

2.1519

360.5658,
384.1161, 416.1316

■ 0.5171, 0.6275,
0.6464

■ 0.0000, 0.0000,
0.0000

■ 62.5785, 67.3257,
72.6477

■ 62.5785, 67.3257,
72.6477

■ 55.9112, 64.0064,
67.0992

■ 70.1281, 71.0977,
78.5088

■ 50.0867, 61.1138,
61.8533

■ 78.5865, 75.3302,
84.6833

■ 45.0705, 58.6322,
56.9059

■ 81.1299, 76.5074,
90.8571

■ 40.8238, 56.5416,
52.2512

■ 82.3436, 76.9929,
97.2482

■ 37.3043, 54.8203,
47.8829

■ 83.6116, 77.5001,
103.9251

■ 34.4657, 53.4445,
43.7947

■ 83.8471, 77.5943,
105.1657

■ 32.2558, 52.3873,
39.9797

■ 30.6145, 51.6181,
36.4306

■ 29.4692, 51.0993,
33.1394

Harmonies

Analogous

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



62.8804, 67.3257, 70.7273



62.5785, 67.3257, 72.6477



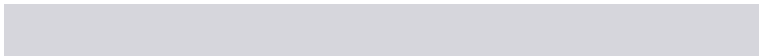
62.6528, 67.3257, 74.7818

Triad

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



62.5785, 67.3257, 72.6477



64.5042, 67.3257, 77.2342



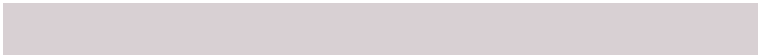
64.9067, 67.3257, 70.1532

Complementary

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



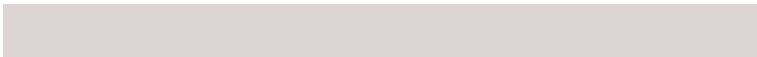
62.5785, 67.3257, 72.6477



62.6351, 64.4155, 70.7635

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.



65.3483, 67.3257, 71.8502



62.5785, 67.3257, 72.6477



65.1147, 67.3257, 75.9472

Square

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



62.5785, 67.3257, 72.6477



63.7607, 67.3257, 77.4578



65.4247, 67.3257, 73.9688



64.2220, 67.3257, 69.3057

Rectangle

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



62.5785, 67.3257, 72.6477



62.9058, 67.3257, 76.0370



65.4247, 67.3257, 73.9688



65.0887, 67.3257, 70.6417

Sweetspot

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



62.5804, 67.3286, 72.6492



93.9643, 99.4581, 108.0470



62.8264, 67.5276, 69.3982



20.1237, 21.2938, 23.1355



0.0000, 0.0000, 0.0000



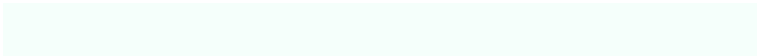
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5804, 67.3286, 72.6492



90.7862, 97.8724, 105.5156



62.7267, 67.0054, 74.5964



13.2732, 14.3679, 15.4627



17.1745, 30.1252, 18.7466



1.0754, 1.8328, 1.3390

Inverse Universe

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



62.6351, 64.4155, 70.7635



90.8728, 93.2602, 102.5299



62.4903, 64.7229, 68.8746



13.2880, 13.5792, 14.9521



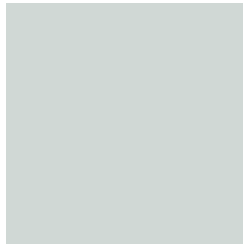
17.6906, 9.0126, 5.6748



1.1065, 0.5594, 0.5504

Previews

White Background



This preview shows how the XYZ color 62.5785, 67.3257, 72.6477 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 62.5785, 67.3257, 72.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

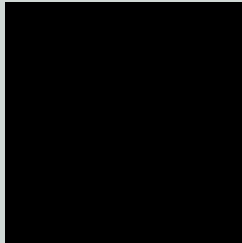
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

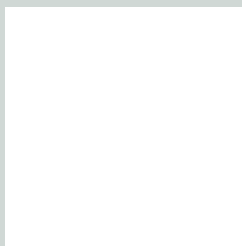
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5785, 67.3257, 72.6477

Background



This preview shows how black text looks on a background with the XYZ color 62.5785, 67.3257, 72.6477.



This preview shows how white text looks on a background with the XYZ color 62.5785, 67.3257,

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

62.5785, 67.3257, 72.6477

Protanopia

64.4656, 67.1971, 71.2006

Deuteranopia

68.5102, 67.0244, 73.6161



Tritanopia

64.9411, 67.1506, 84.4015

Trichromacy



Original Color

62.5785, 67.3257, 72.6477

Protanomaly

63.6618, 67.1427, 71.8919

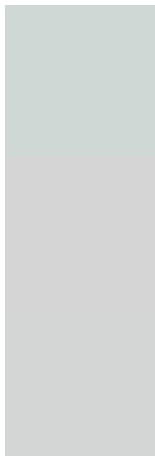
Deuteranomaly

66.2355, 66.9558, 73.0511

Tritanomaly

64.0795, 67.1766, 80.1100

Monochromacy



Original Color

62.5785, 67.3257, 72.6477

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9208, 66.7461, 72.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5785, 67.3257, 72.6477 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(208, 216, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 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(208, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.5785, 67.3257, 72.6477 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(208, 216, 213) }
```


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

```
.border{ border-color:rgb(208, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5785, 67.3257, 72.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 213) }
```

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

```
.background{ background-color: rgb(208,  
216, 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](#).

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