

Converting Colors

XYZ(62.6078, 67.5566, 72.4581)

Have a look what the booklet for
XYZ(62.6078, 67.5566, 72.4581)
contains.

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Color

**XYZ(62.8355, 67.8397,
72.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D9D5
RGB	208, 217, 213
RGB Percent	82%, 85%, 84%
CMY	0.1843, 0.1490, 0.1647
CMYK	0.04, 0.00, 0.02, 0.15
HSL	153°, 11%, 83%
HSV	153°, 4%, 85%
XYZ	62.8355, 67.8397, 72.7334
YIQ	213.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

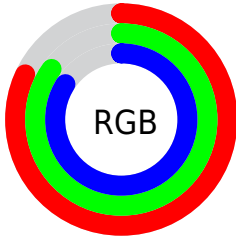
Format	Color
R _Y B	208, 214, 217
Decimal	13687253
CIE Lab	85.93, -3.77, 0.90
CIE LCh	86, 3.873, 166.521
Yxy	67.8397, 0.3089, 0.3335
Android (android.graphics.Color)	4291877333 (0xFFD0D9D5)
YUV	213.8530, -0.4205, -5.1331
Hunter-Lab	82.3649, -7.9623, 5.2986

Details

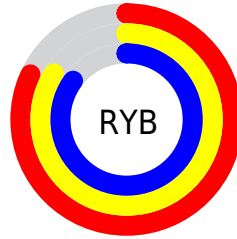
The XYZ color **62.8355, 67.8397, 72.7334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0573, 64.6186, 71.4397**, and the grayscale version is **63.8240, 67.1478, 73.1240**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4183, 35.1793, 37.4294** is the 20% darker color. If you saturate the color by 10%, you get **55.9586, 64.4338, 66.2080**, and if you desaturate by 10%, it is **70.6239, 71.7109, 79.6847**.

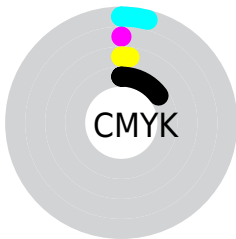
Distribution



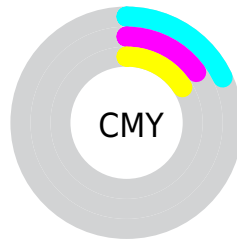
- Red (82%)
- Green (85%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8355, 67.8397, 72.7334 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 62.8355, 67.8397, 72.7334 by changing the saturation by 10% instead.

■ 62.8355, 67.8397,
72.7334

■ 62.8355, 67.8397,
72.7334

424.6414,
452.9279, 489.1363

■ 45.9663, 49.7673,
53.2675

108.0153,
116.1228, 124.8161

■ 32.4237, 35.2286,
37.6272

137.0566,
147.1023, 158.2699

■ 21.8425, 23.8390,
25.3939

170.8860,
183.1530, 197.2235

■ 13.8571, 15.2142,
16.1491

209.8688,
224.6593, 242.0954

■ 8.1024, 8.9699,
9.4742

254.3704,
272.0055, 293.3040

■ 4.2129, 4.7215,
4.9507

304.7561,

■ 1.8233, 2.0848,

325.5761, 351.2680

2.1602

361.3913,
385.7554, 416.4059

■ 0.5316, 0.6561,
0.6512

■ 0.0000, 0.0000,
0.0000

■ 62.8355, 67.8397,
72.7334

■ 62.8355, 67.8397,
72.7334

■ 55.9586, 64.4338,
66.2080

■ 70.6239, 71.7109,
79.6847

■ 49.9525, 61.4666,
60.0959

■ 79.3511, 76.0556,
87.0654

■ 44.7819, 58.9220,
54.3900

■ 82.0735, 77.2961,
94.5581

■ 40.4068, 56.7795,
49.0816

■ 83.5612, 77.8911,
102.3922

■ 36.7838, 55.0169,
44.1616

■ 84.1042, 78.1083,
105.2514

■ 33.8649, 53.6097,
39.6202

■ 31.5967, 52.5304,
35.4475

■ 29.9174, 51.7473,
31.6327

■ 28.7519, 51.2221,
28.1641

Harmonies

Analogous

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



63.2501, 67.8397, 70.5562



62.8355, 67.8397, 72.7334



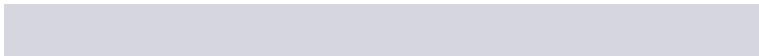
62.8585, 67.8397, 75.2634

Triad

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



62.8355, 67.8397, 72.7334



64.9657, 67.8397, 78.6476



65.6601, 67.8397, 70.3785

Complementary

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



62.8355, 67.8397, 72.7334



63.0573, 64.6186, 71.4397

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.



66.1283, 67.8397, 72.4858



62.8355, 67.8397, 72.7334



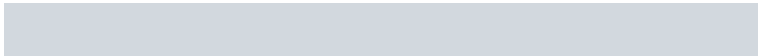
65.7249, 67.8397, 77.2775

Square

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



62.8355, 67.8397, 72.7334



64.0829, 67.8397, 78.7176



66.1521, 67.8397, 75.0101



64.8779, 67.8397, 69.2178

Rectangle

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



62.8355, 67.8397, 72.7334



63.1189, 67.8397, 76.8106



66.1521, 67.8397, 75.0101



65.8597, 67.8397, 70.9975

Sweetspot

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



62.8374, 67.8426, 72.7349



93.9360, 99.4467, 107.8978



63.3662, 68.1874, 69.4971



20.1179, 21.2915, 23.1052



0.0000, 0.0000, 0.0000



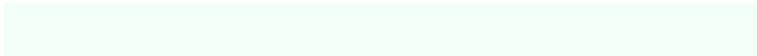
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8374, 67.8426, 72.7349



89.6143, 97.3017, 103.9511



63.2361, 67.8167, 75.4061



13.7793, 15.0200, 16.0070



17.1454, 30.8908, 16.1972



1.1539, 2.0185, 1.2765

Inverse Universe

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



63.0573, 64.6186, 71.4397



89.9973, 91.6855, 101.6950



62.6683, 64.6389, 68.8490



13.8456, 14.0477, 15.6164



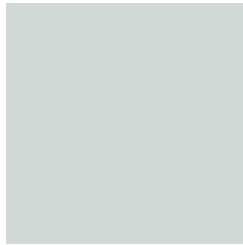
18.6653, 9.4672, 7.8837



1.2522, 0.6305, 0.7368

Previews

White Background



This preview shows how the XYZ color 62.8355, 67.8397, 72.7334 looks on a white background.

Color Contrast Check

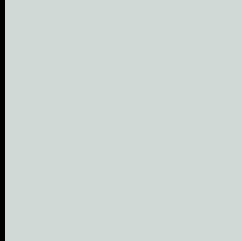
Large Text (above 18pt) WCAG AA × Fail

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 62.8355, 67.8397, 72.7334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

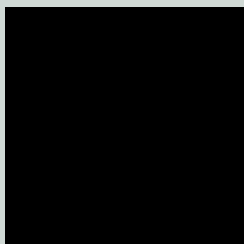
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

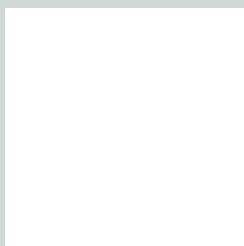
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8355, 67.8397, 72.7334

Background



This preview shows how black text looks on a background with the XYZ color 62.8355, 67.8397, 72.7334.

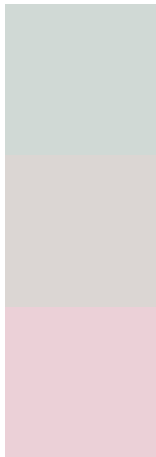


This preview shows how white text looks on a background with the XYZ color 62.8355, 67.8397,

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

62.8355, 67.8397, 72.7334

Protanopia

65.0179, 67.8564, 71.2988

Deuteranopia

69.0826, 67.6802, 73.7125



Tritanopia

65.3343, 67.7115, 85.2275

Trichromacy



Original Color

62.8355, 67.8397, 72.7334

Protanomaly

64.2084, 67.8014, 71.9902

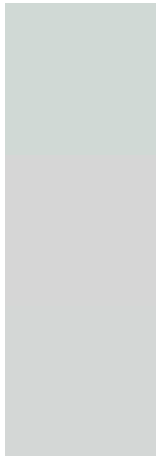
Deuteranomaly

66.4832, 67.4511, 73.1337

Tritanomaly

64.3333, 67.6843, 80.1947

Monochromacy



Original Color

62.8355, 67.8397, 72.7334

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5894, 67.4530, 73.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8355, 67.8397, 72.7334 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, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 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, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.8355, 67.8397, 72.7334 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, 217, 213) }
```


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

```
.border{ border-color:rgb(208, 217, 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, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8355, 67.8397, 72.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 213) }
```

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

```
.background{ background-color: rgb(208,  
217, 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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