

Converting Colors

XYZ(67.6692, 71.7017, 76.5151)

Have a look what the booklet for
XYZ(67.6692, 71.7017, 76.5151)
contains.

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Color

**XYZ(67.7248, 71.8349,
76.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDDDA
RGB	219, 221, 218
RGB Percent	86%, 87%, 85%
CMY	0.1412, 0.1333, 0.1451
CMYK	0.01, 0.00, 0.01, 0.13
HSL	100°, 4%, 86%
HSV	100°, 1%, 87%
XYZ	67.7248, 71.8349, 76.6257
YIQ	220.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

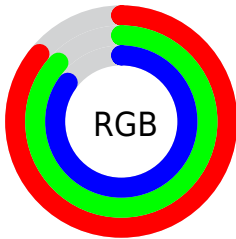
Format	Color
R _Y B	218, 221, 220
Decimal	14409178
CIE Lab	87.89, -1.21, 1.22
CIE LCh	88, 1.720, 134.718
Yxy	71.8349, 0.3133, 0.3323
Android (android.graphics.Color)	4292599258 (0xFFDBDDDA)
YUV	220.0600, -1.0156, -0.9296
Hunter-Lab	84.7555, -5.6897, 5.7259

Details

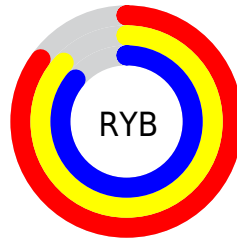
The XYZ color **67.7248, 71.8349, 76.6257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6404, 70.5808, 78.4686**, and the grayscale version is **68.0781, 71.6235, 77.9980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5569, 37.8093, 40.0742** is the 20% darker color. If you saturate the color by 10%, you get **60.7836, 68.5708, 62.1974**, and if you desaturate by 10%, it is **75.4486, 75.4620, 93.1066**.

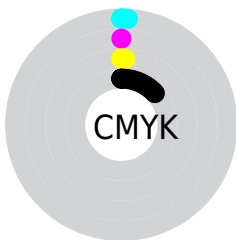
Distribution



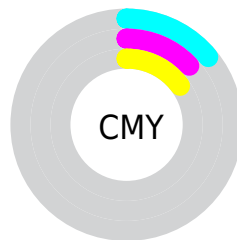
- Red (86%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7248, 71.8349, 76.6257 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 67.7248, 71.8349, 76.6257 by changing the saturation by 10% instead.

■ 67.7248, 71.8349,
76.6257

■ 67.7248, 71.8349,
76.6257

441.9124,
466.9667, 502.8906

■ 49.9467, 53.0238,
56.4360

115.0024,
121.8218, 130.3792

■ 35.5887, 37.8218,
40.1463

145.2327,
153.7664, 164.7800

■ 24.2853, 25.8444,
27.3379

180.3445,
190.8576, 204.7550

■ 15.6713, 16.7073,
17.5925

220.7030,
233.4798, 250.7226

■ 9.3812, 10.0260,
10.4914

266.6737,
282.0174, 303.1015

■ 5.0498, 5.4162,
5.6161

318.6219,

■ 2.3115, 2.4935,

336.8549, 362.3100

2.5481

376.9130,
398.3765, 428.7669

■ 0.8006, 0.8734,
0.8655

■ 0.0000, 0.0000,
0.0000

■ 67.7248, 71.8349,
76.6257

■ 67.7248, 71.8349,
76.6257

■ 60.7836, 68.5708,
62.1974

■ 75.4486, 75.4620,
93.1066

■ 54.5935, 65.6491,
49.7367

■ 82.7913, 78.9808,
105.4890

■ 49.1299, 63.0610,
39.1597

■ 85.1478, 80.1956,
105.5993

■ 44.3645, 60.7938,
30.3745

■ 40.2669, 58.8342,
23.2818

■ 36.8043, 57.1675,
17.7722

■ 33.9407, 55.7779,
13.7238

■ 31.6361, 54.6478,
10.9966

■ 29.8442, 53.7570,
9.4236

Harmonies

Analogous

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



68.0772, 71.8349, 76.0567



67.7248, 71.8349, 76.6257



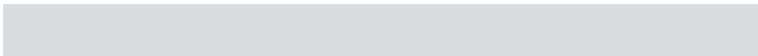
67.5207, 71.8349, 77.6236

Triad

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



67.7248, 71.8349, 76.6257



68.0697, 71.8349, 80.4099



69.0407, 71.8349, 77.6449

Complementary

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



67.7248, 71.8349, 76.6257



67.6404, 70.5808, 78.4686

Split Complementary

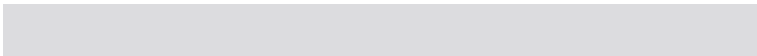
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0387, 71.8349, 78.8114



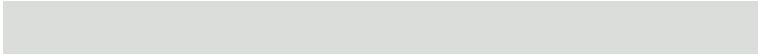
67.7248, 71.8349, 76.6257



68.4770, 71.8349, 80.4157

Square

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



67.7248, 71.8349, 76.6257



67.7194, 71.8349, 79.8122



68.8320, 71.8349, 79.8281



68.8375, 71.8349, 76.6412

Rectangle

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



67.7248, 71.8349, 76.6257



67.4958, 71.8349, 78.4015



68.8320, 71.8349, 79.8281



69.0641, 71.8349, 78.0308

Sweetspot

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



67.7268, 71.8380, 76.6273

95.0500, 100.0000, 108.9000



68.0697, 71.6235, 76.5678



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



67.7268, 71.8380, 76.6273



92.9991, 99.0364, 104.5746



67.4924, 71.7096, 76.9588



14.4233, 15.3476, 16.2385



16.7501, 30.9325, 5.0877



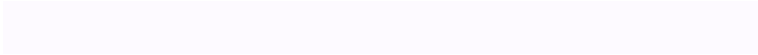
1.1747, 2.0501, 0.3338

Inverse Universe

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



67.6404, 70.5808, 78.4686



92.8225, 96.4684, 108.3357



67.8774, 70.7107, 78.1320



14.3977, 14.9752, 16.7838



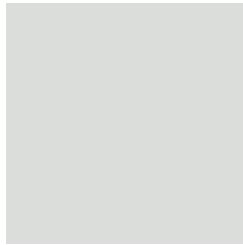
14.7392, 6.7225, 40.2591



1.0448, 0.4819, 2.6124

Previews

White Background



This preview shows how the XYZ color 67.7248, 71.8349, 76.6257 looks on a white background.

Color Contrast Check

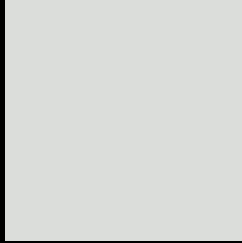
Large Text (above 18pt) WCAG AA × Fail

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 67.7248, 71.8349, 76.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

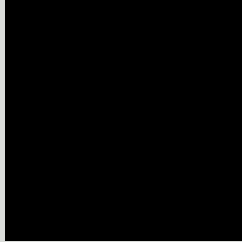
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

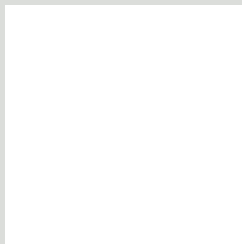
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7248, 71.8349, 76.6257

Background



This preview shows how black text looks on a background with the XYZ color 67.7248, 71.8349, 76.6257.

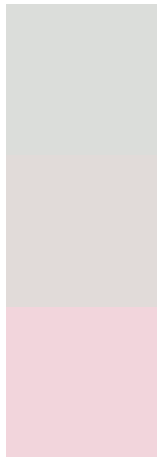


This preview shows how white text looks on a background with the XYZ color 67.7248, 71.8349,

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

67.7248, 71.8349, 76.6257

Protanopia

68.9072, 71.6803, 75.8495

Deuteranopia

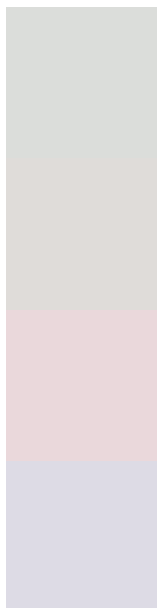
73.3305, 71.6331, 77.6718



Tritanopia

70.3359, 71.7285, 89.4948

Trichromacy



Original Color

67.7248, 71.8349, 76.6257

Protanomaly

68.5490, 71.8841, 75.9077

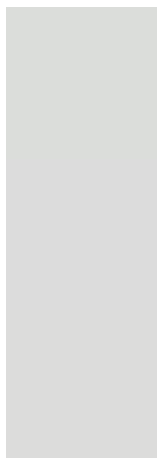
Deuteranomaly

71.2737, 71.7186, 77.1044

Tritanomaly

69.2932, 71.6923, 84.3146

Monochromacy



Original Color

67.7248, 71.8349, 76.6257

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8946, 71.5165, 77.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7248, 71.8349, 76.6257 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, 221, 218) looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 218)  
}
```

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, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.7248, 71.8349, 76.6257 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, 221, 218) }
```

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

```
.border{ border-color:rgb(219, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 221,  
218) }
```


Background

The CSS property to change the background color of an element to XYZ 67.7248, 71.8349, 76.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 218) }
```

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

```
.background{ background-color: rgb(219,  
221, 218) }
```

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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