

Converting Colors

XYZ(66.8565, 67.6729, 71.8258)

Have a look what the booklet for
XYZ(66.8565, 67.6729, 71.8258)
contains.

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Color

**XYZ(66.8565, 67.6729,
71.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D3D4
RGB	227, 211, 212
RGB Percent	89%, 83%, 83%
CMY	0.1098, 0.1725, 0.1686
CMYK	0.00, 0.07, 0.07, 0.11
HSL	356°, 22%, 86%
HSV	356°, 7%, 89%
XYZ	66.8565, 67.6729, 71.8258
YIQ	215.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

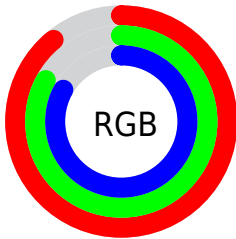
Format	Color
R _Y B	227, 211, 212
Decimal	14930900
CIE Lab	85.84, 5.69, 1.49
CIE LCh	86, 5.885, 14.654
Yxy	67.6729, 0.3240, 0.3279
Android (android.graphics.Color)	4293120980 (0xFFE3D3D4)
YUV	215.8980, -1.9217, 9.7365
Hunter-Lab	82.2635, 1.1078, 5.8173

Details

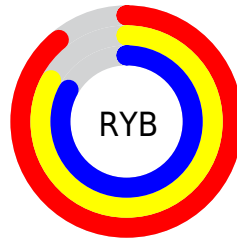
The XYZ color **66.8565, 67.6729, 71.8258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0631, 74.2798, 82.7054**, and the grayscale version is **65.2107, 68.6067, 74.7127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1560, 35.3189, 36.8626** is the 20% darker color. If you saturate the color by 10%, you get **59.1001, 56.1772, 56.8542**, and if you desaturate by 10%, it is **75.7672, 80.9089, 88.9304**.

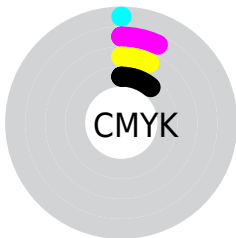
Distribution



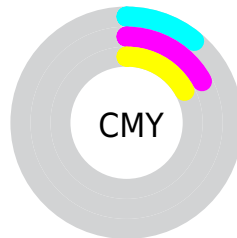
- Red (89%)
- Green (83%)
- Blue (83%)



- Red (89%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8565, 67.6729, 71.8258 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 66.8565, 67.6729, 71.8258 by changing the saturation by 10% instead.

66.8565, 67.6729,
71.8258

66.8565, 67.6729,
71.8258

438.8743,
452.3362, 485.8963

49.2383, 49.6317,
52.5304

113.7657,
115.8841, 123.5142

35.0239, 35.1208,
37.0429

143.7874,
146.8228, 156.7444

23.8479, 23.7560,
24.9446

178.6743,
182.8295, 195.4565

15.3449, 15.1527,
15.8172

218.7918,
224.2886, 240.0692

9.1497, 8.9266,
9.2419

264.5051,
271.5844, 291.0010

4.8968, 4.6933,
4.8004

316.1798,

2.2210, 2.0685,

325.1013, 348.6704

2.0739

374.1811,
385.2238, 413.4960

■ 0.7538, 0.6468,
0.6002

■ 0.0000, 0.0000,
0.0000

■ 66.8565, 67.6729,
71.8258

■ 66.8565, 67.6729,
71.8258

■ 59.1001, 56.1772,
56.8542

■ 75.7672, 80.9089,
88.9304

■ 52.4452, 46.3409,
43.9278

■ 85.4205, 95.0437,
108.0923

■ 46.8437, 38.0901,
32.9590

■ 85.4889, 95.0711,
108.4525

■ 42.2414, 31.3419,
23.8524

■ 38.5796, 26.0057,
16.5045

■ 35.7931, 21.9813,
10.8018

■ 33.8087, 19.1552,
6.6173

■ 32.5410, 17.3949,
3.8057

■ 31.8818, 16.5287,
2.1917

Harmonies

Analogous

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



66.8482, 67.6729, 75.6625



66.8565, 67.6729, 71.8258



66.1790, 67.6729, 68.5988

Triad

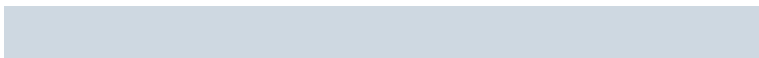
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.8565, 67.6729, 71.8258



62.5199, 67.6729, 68.5385



63.6389, 67.6729, 81.0625

Complementary

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



66.8565, 67.6729, 71.8258



68.0631, 74.2798, 82.7054

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.



62.4983, 67.6729, 79.0151



66.8565, 67.6729, 71.8258



61.8584, 67.6729, 71.7409

Square

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



66.8565, 67.6729, 71.8258



63.6688, 67.6729, 66.7463



61.8505, 67.6729, 75.5746



64.9777, 67.6729, 81.0872

Rectangle

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



66.8565, 67.6729, 71.8258



65.4349, 67.6729, 67.1893



61.8505, 67.6729, 75.5746



63.2200, 67.6729, 80.5849

Sweetspot

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



66.8584, 67.6759, 71.8273



92.6840, 96.4849, 104.3599



68.5045, 68.2956, 82.2457



19.8630, 20.6885, 22.3849



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

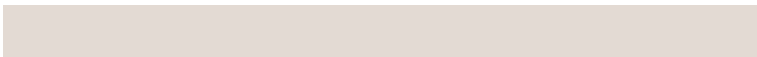
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8584, 67.6759, 71.8273



85.9554, 86.4965, 91.4233



68.4925, 71.1446, 71.7539



14.4132, 14.3825, 15.1104



18.5361, 9.5487, 1.1862



1.3826, 0.7108, 0.1555

Inverse Universe

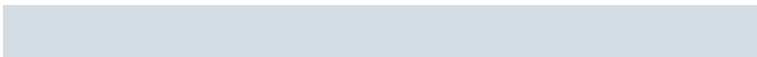
The Inverse Universe completely reimagines the original color for something new.



66.8584, 67.6759, 71.8273



85.9554, 86.4965, 91.4233



66.3423, 70.6188, 82.8081



14.4132, 14.3825, 15.1104



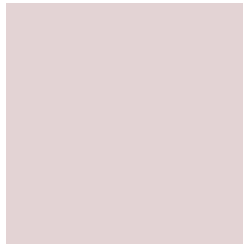
18.5361, 9.5487, 1.1862



1.3826, 0.7108, 0.1555

Previews

White Background



This preview shows how the XYZ color 66.8565, 67.6729, 71.8258 looks on a white background.

Color Contrast Check

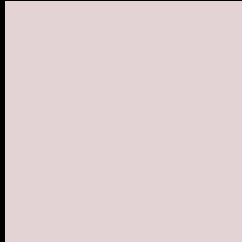
Large Text (above 18pt) WCAG AA × Fail

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 66.8565, 67.6729, 71.8258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

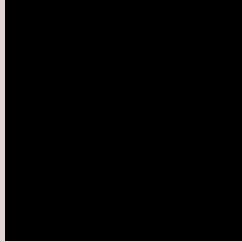
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

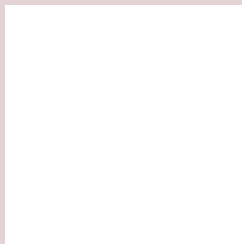
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8565, 67.6729, 71.8258

Background



This preview shows how black text looks on a background with the XYZ color 66.8565, 67.6729, 71.8258.



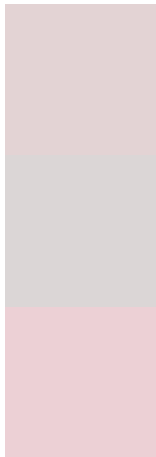
This preview shows how white text looks on a background with the XYZ color 66.8565, 67.6729,

71.8258.

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

66.8565, 67.6729, 71.8258

Protanopia

65.3976, 68.0082, 73.2984

Deuteranopia

69.1582, 67.7487, 72.3826



Tritanopia

68.7042, 67.6952, 80.6795

Trichromacy



Original Color

66.8565, 67.6729, 71.8258

Protanomaly

65.9287, 67.9222, 72.5863

Deuteranomaly

68.4150, 67.7287, 72.4179

Tritanomaly

67.9598, 67.7545, 77.2062

Monochromacy



Original Color

66.8565, 67.6729, 71.8258

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8275, 68.2151, 73.9873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8565, 67.6729, 71.8258 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(227, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 212)  
}
```

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(227, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 212) }
```

Border

The CSS property to change the border of an element to XYZ 66.8565, 67.6729, 71.8258 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(227, 211, 212) }
```


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

```
.border{ border-color:rgb(227, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8565, 67.6729, 71.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 212) }
```

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

```
.background{ background-color: rgb(227,  
211, 212) }
```

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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