

Converting Colors

XYZ(69.5432, 70.6763, 71.7854)

Have a look what the booklet for
XYZ(69.5432, 70.6763, 71.7854)
contains.

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Color

**XYZ(69.3370, 70.4598,
71.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D7D3
RGB	232, 215, 211
RGB Percent	91%, 84%, 83%
CMY	0.0902, 0.1568, 0.1725
CMYK	0.00, 0.07, 0.09, 0.09
HSL	11°, 31%, 87%
HSV	11°, 9%, 91%
XYZ	69.3370, 70.4598, 71.5737
YIQ	219.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

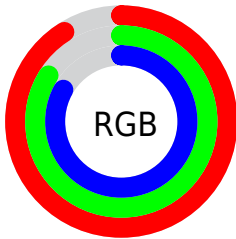
Format	Color
R _Y B	232, 216, 211
Decimal	15259603
CIE Lab	87.22, 5.18, 4.07
CIE LCh	87, 6.589, 38.155
Yxy	70.4598, 0.3280, 0.3333
Android (android.graphics.Color)	4293449683 (0xFFE8D7D3)
YUV	219.6270, -4.2531, 10.8511
Hunter-Lab	83.9403, 0.5503, 8.2032

Details

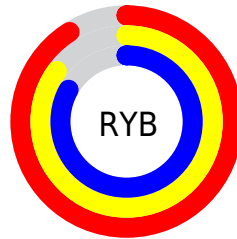
The XYZ color **69.3370, 70.4598, 71.5737** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1727, 75.1606, 87.2063**, and the grayscale version is **67.7923, 71.3228, 77.6705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5611, 36.8060, 37.0756** is the 20% darker color. If you saturate the color by 10%, you get **62.1264, 60.3615, 55.8414**, and if you desaturate by 10%, it is **77.5201, 81.8297, 89.7029**.

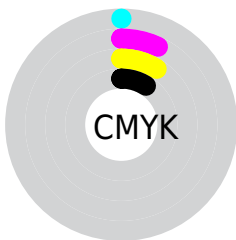
Distribution



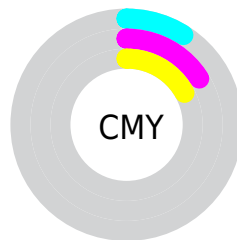
- Red (91%)
- Green (84%)
- Blue (83%)



- Red (91%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3370, 70.4598, 71.5737 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 69.3370, 70.4598, 71.5737 by changing the saturation by 10% instead.

69.3370, 70.4598,
71.5737

69.3370, 70.4598,
71.5737

447.5215,
462.1628, 484.9940

51.2638, 51.9015,
52.3258

117.2942,
119.8642, 123.1523

36.6405, 36.9265,
36.8808

147.9090,
151.4791, 156.3201

25.1017, 25.1506,
24.8202

183.4350,
188.2150, 194.9650

16.2820, 16.1893,
15.7253

224.2377,
230.4562, 239.5055

9.8160, 9.6582,
9.1777

270.6823,
278.5872, 290.3601

5.3385, 5.1729,
4.7589

323.1342,

2.4840, 2.3491,

332.9924, 347.9473

2.0503

381.9588,
394.0561, 412.6858

■ 0.8872, 0.7995,
0.5859

■ 0.0000, 0.0000,
0.0000

■ 69.3370, 70.4598,
71.5737

■ 69.3370, 70.4598,
71.5737

■ 62.1264, 60.3615,
55.8414

■ 77.5201, 81.8297,
89.7029

■ 55.8460, 51.4814,
42.4009

■ 86.3152, 94.3482,
108.2695

■ 50.4591, 43.7759,
31.1463

■ 87.0890, 95.8960,
108.5274

■ 45.9244, 37.1955,
21.9613

■ 42.1969, 31.6868,
14.7189

■ 39.2277, 27.1922,
9.2780

■ 36.9620, 23.6484,
5.4782

■ 35.3373, 20.9848,
3.1305

■ 34.2687, 19.1161,
1.9468

Harmonies

Analogous

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



69.9587, 70.4598, 75.5162



69.3370, 70.4598, 71.5737



68.0832, 70.4598, 69.0778

Triad

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



69.3370, 70.4598, 71.5737



64.2459, 70.4598, 73.5914



67.3929, 70.4598, 85.4670

Complementary

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



69.3370, 70.4598, 71.5737



69.1727, 75.1606, 87.2063

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.



65.8689, 70.4598, 84.9033



69.3370, 70.4598, 71.5737



64.0675, 70.4598, 77.9339

Square

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



69.3370, 70.4598, 71.5737



65.1485, 70.4598, 70.2112



64.6573, 70.4598, 82.1046



68.8250, 70.4598, 83.6165

Rectangle

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



69.3370, 70.4598, 71.5737



67.0658, 70.4598, 68.5130



64.6573, 70.4598, 82.1046



66.8742, 70.4598, 85.5549

Sweetspot

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



69.3390, 70.4629, 71.5752



91.8991, 95.6301, 101.8940



70.5983, 69.3551, 83.1748



19.4940, 20.2241, 21.4188



0.0000, 0.0000, 0.0000



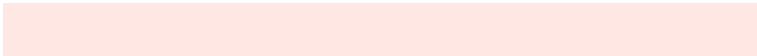
20.3446, 21.4041, 23.3091

Same Dimension

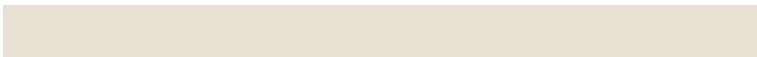
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3390, 70.4629, 71.5752



84.0389, 84.6846, 84.5533



72.0574, 75.8997, 72.4813



14.5983, 14.8104, 14.9937



19.0481, 10.6703, 1.0556



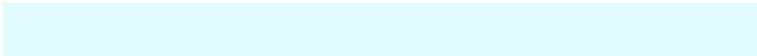
1.4708, 0.9149, 0.0991

Inverse Universe

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



69.1727, 75.1606, 87.2063



83.7903, 91.6977, 107.8910



66.4112, 69.6376, 86.2858



14.5616, 15.8447, 18.4352



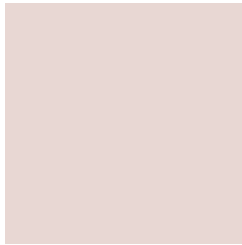
18.1301, 23.3224, 45.9293



1.4001, 1.8440, 3.4141

Previews

White Background



This preview shows how the XYZ color 69.3370, 70.4598, 71.5737 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 69.3370, 70.4598, 71.5737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

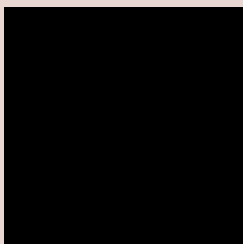
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

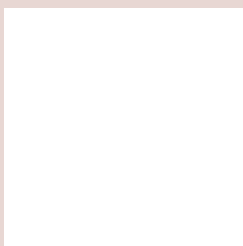
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3370, 70.4598, 71.5737

Background



This preview shows how black text looks on a background with the XYZ color 69.3370, 70.4598, 71.5737.



This preview shows how white text looks on a background with the XYZ color 69.3370, 70.4598, 71.5737.

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

69.3370, 70.4598, 71.5737

Protanopia

67.6955, 70.7436, 72.3743

Deuteranopia

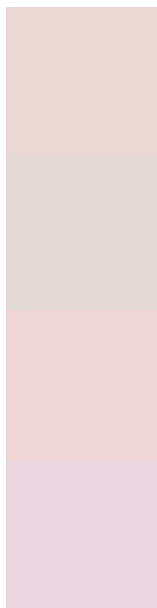
71.7959, 70.2192, 72.0570



Tritanopia

71.9473, 70.4063, 83.9265

Trichromacy



Original Color

69.3370, 70.4598, 71.5737

Protanomaly

68.3751, 70.7101, 72.3320

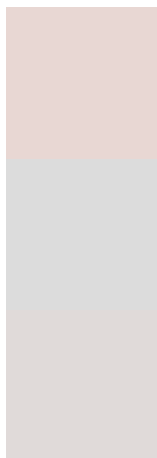
Deuteranomaly

70.6870, 70.0176, 72.0765

Tritanomaly

70.9108, 70.3549, 78.9497

Monochromacy



Original Color

69.3370, 70.4598, 71.5737

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3363, 70.9999, 75.7483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3370, 70.4598, 71.5737 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(232, 215, 211) looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 211)  
}
```

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(232, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.3370, 70.4598, 71.5737 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(232, 215, 211) }
```


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

```
.border{ border-color:rgb(232, 215, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3370, 70.4598, 71.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 211) }
```

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

```
.background{ background-color: rgb(232,  
215, 211) }
```

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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