

Converting Colors

XYZ(69.5969, 67.2261, 73.5977)

Have a look what the booklet for
XYZ(69.5969, 67.2261, 73.5977)
contains.

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Color

**XYZ(69.5969, 67.2261,
73.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	EECED7
RGB	238, 206, 215
RGB Percent	93%, 81%, 84%
CMY	0.0667, 0.1921, 0.1569
CMYK	0.00, 0.13, 0.10, 0.07
HSL	343°, 48%, 87%
HSV	343°, 13%, 93%
XYZ	69.5969, 67.2261, 73.5977
YIQ	216.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

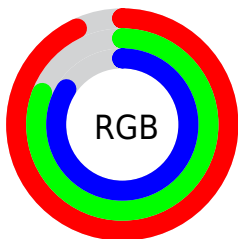
Format	Color
R _Y B	238, 206, 215
Decimal	15650519
CIE Lab	85.62, 12.66, -0.32
CIE LCh	86, 12.660, 358.559
Yxy	67.2261, 0.3308, 0.3195
Android (android.graphics.Color)	4293840599 (0xFFEECED7)
YUV	216.5940, -0.7858, 18.7731
Hunter-Lab	81.9915, 8.0311, 4.1738

Details

The XYZ color **69.5969, 67.2261, 73.5977** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1736, 79.9296, 85.8621**, and the grayscale version is **65.6746, 69.0948, 75.2442**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8648, 34.9396, 38.0587** is the 20% darker color. If you saturate the color by 10%, you get **62.2110, 55.7898, 60.8509**, and if you desaturate by 10%, it is **78.0841, 80.4954, 87.8475**.

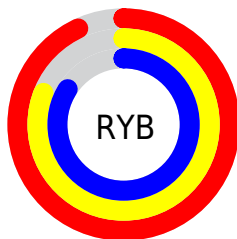
Distribution



Red (93%)

Green (81%)

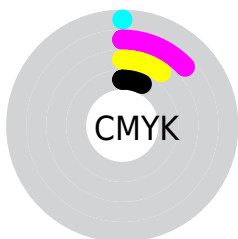
Blue (84%)



Red (93%)

Yellow (81%)

Blue (84%)

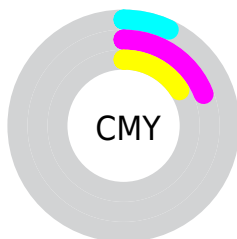


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5969, 67.2261, 73.5977 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 69.5969, 67.2261, 73.5977 by changing the saturation by 10% instead.

69.5969, 67.2261,
73.5977

69.5969, 67.2261,
73.5977

448.4219,
450.7492, 492.2099

51.4764, 49.2684,
53.9700

117.6631,
115.2443, 126.0541

36.8105, 34.8324,
38.1847

148.3396,
146.0736, 159.7200

25.2338, 23.5338,
25.8231

183.9320,
181.9623, 198.9023

16.3810, 14.9882,
16.4668

224.8058,
223.2946, 244.0196

9.8867, 8.8111,
9.6971

271.3264,
270.4551, 295.4905

5.3856, 4.6182,
5.0957

323.8590,

2.5123, 2.0250,

323.8281, 353.7335

2.2438

382.7690,
383.7980, 419.1671

■ 0.9015, 0.6219,
0.6995

■ 0.0000, 0.0000,
0.0000

■ 69.5969, 67.2261,
73.5977

■ 69.5969, 67.2261,
73.5977

■ 62.2110, 55.7898,
60.8509

■ 78.0841, 80.4954,
87.8475

■ 55.8747, 46.0970,
49.5527

■ 87.7101, 95.6643,
103.6436

■ 50.5408, 38.0640,
39.6518

■ 89.0702, 96.9173,
108.6201

■ 46.1559, 31.5968,
31.0920

■ 42.6618, 26.5917,
23.8131

■ 39.9932, 22.9327,
17.7501

■ 38.0756, 20.4857,
12.8313

■ 36.8196, 19.0882,
8.9764

■ 36.2707, 18.5815,
6.9717

Harmonies

Analogous

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



68.7411, 67.2261, 81.7909



69.5969, 67.2261, 73.5977



68.8875, 67.2261, 65.8710

Triad

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



69.5969, 67.2261, 73.5977



61.2841, 67.2261, 60.1263



61.0496, 67.2261, 87.5878

Complementary

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



69.5969, 67.2261, 73.5977



70.1736, 79.9296, 85.8621

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.



59.1524, 67.2261, 81.0487



69.5969, 67.2261, 73.5977



59.2849, 67.2261, 65.2286

Square

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



69.5969, 67.2261, 73.5977



64.0359, 67.2261, 58.4531



58.5160, 67.2261, 72.7993



63.7571, 67.2261, 90.2344

Rectangle

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



69.5969, 67.2261, 73.5977



67.6341, 67.2261, 61.9353



58.5160, 67.2261, 72.7993



60.2990, 67.2261, 85.7490

Sweetspot

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



69.5988, 67.2291, 73.5991



90.7237, 93.2006, 101.7448



69.7980, 66.9659, 90.1365



19.2496, 19.6837, 21.4965



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.



69.5988, 67.2291, 73.5991



79.0196, 74.9274, 82.0127



70.1801, 70.1912, 68.2456



15.9555, 15.8319, 17.3217



20.2828, 10.3855, 4.1397



1.7283, 0.8804, 0.5602

Inverse Universe

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



69.5988, 67.2291, 73.5991



79.0196, 74.9274, 82.0127



69.4831, 76.4860, 91.9907



15.9555, 15.8319, 17.3217



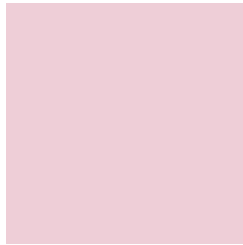
20.2828, 10.3855, 4.1397



1.7283, 0.8804, 0.5602

Previews

White Background



This preview shows how the XYZ color 69.5969, 67.2261, 73.5977 looks on a white background.

Color Contrast Check

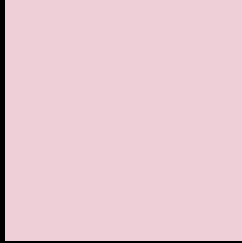
Large Text (above 18pt) WCAG AA × Fail

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 69.5969, 67.2261, 73.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

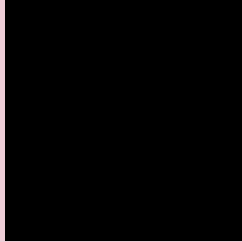
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5969, 67.2261, 73.5977

Background



This preview shows how black text looks on a background with the XYZ color 69.5969, 67.2261, 73.5977.



This preview shows how white text looks on a background with the XYZ color 69.5969, 67.2261,

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

69.5969, 67.2261, 73.5977

Protanopia

64.8993, 67.3019, 76.5878

Deuteranopia

68.5102, 67.0244, 73.6161



Tritanopia

70.4791, 67.2338, 77.6694

Trichromacy



Original Color

69.5969, 67.2261, 73.5977

Protanomaly

66.4420, 67.0024, 75.7606

Deuteranomaly

68.8395, 67.1941, 73.6315

Tritanomaly

70.2141, 67.1278, 76.2741

Monochromacy



Original Color

69.5969, 67.2261, 73.5977

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.2403, 68.5539, 74.6540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5969, 67.2261, 73.5977 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(238, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 215)  
}
```

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(238, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.5969, 67.2261, 73.5977 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(238, 206, 215) }
```


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

```
.border{ border-color:rgb(238, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5969, 67.2261, 73.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 215) }
```

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

```
.background{ background-color: rgb(238,  
206, 215) }
```

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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