

Converting Colors

XYZ(70.7294, 69.7184, 71.4255)

Have a look what the booklet for
XYZ(70.7294, 69.7184, 71.4255)
contains.

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Color

**XYZ(70.6487, 69.6424,
71.3468)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD3D3
RGB	239, 211, 211
RGB Percent	94%, 83%, 83%
CMY	0.0627, 0.1725, 0.1725
CMYK	0.00, 0.12, 0.12, 0.06
HSL	0°, 47%, 88%
HSV	0°, 12%, 94%
XYZ	70.6487, 69.6424, 71.3468
YIQ	219.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

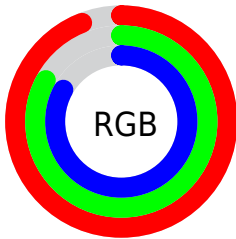
Format	Color
R _Y B	239, 211, 211
Decimal	15717331
CIE Lab	86.82, 9.73, 3.56
CIE LCh	87, 10.361, 20.118
Yxy	69.6424, 0.3338, 0.3291
Android (android.graphics.Color)	4293907411 (0xFFEFD3D3)
YUV	219.3720, -4.1274, 17.2138
Hunter-Lab	83.4520, 5.0732, 7.7268

Details

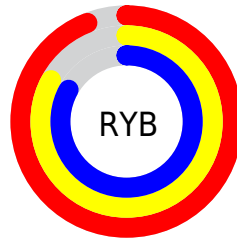
The XYZ color **70.6487, 69.6424, 71.3468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3100, 81.8122, 93.5894**, and the grayscale version is **67.6115, 71.1326, 77.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5027, 36.2785, 36.9241** is the 20% darker color. If you saturate the color by 10%, you get **62.3709, 57.5301, 54.8878**, and if you desaturate by 10%, it is **80.2584, 83.7040, 90.4492**.

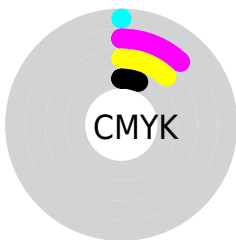
Distribution



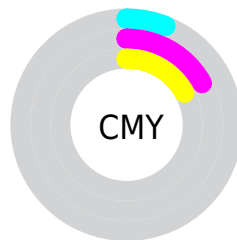
- Red (94%)
- Green (83%)
- Blue (83%)



- Red (94%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6487, 69.6424, 71.3468 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 70.6487, 69.6424, 71.3468 by changing the saturation by 10% instead.


 70.6487, 69.6424,
71.3468

 70.6487, 69.6424,
71.3468


452.0554,
459.2934, 484.1811

 52.3371, 51.2351,
52.1417


119.1546,
118.6987, 122.8265

 37.4992, 36.3957,
36.7350

150.0796,
150.1163, 155.9381

 25.7697, 24.7400,
24.7082


185.9398,
186.6396, 194.5223

 16.7832, 15.8834,
15.6428

227.1004,
228.6529, 238.9977

 10.1744, 9.4417,
9.1201

273.9270,
276.5405, 289.7827

 5.5779, 5.0304,
4.7217

326.7847,

 2.6283, 2.2651,

330.6868, 347.2959

2.0291

386.0391,
391.4763, 411.9559

■ 0.9604, 0.7551,
0.5731

■ 0.0000, 0.0000,
0.0000

■ 70.6487, 69.6424,
71.3468

■ 70.6487, 69.6424,
71.3468

■ 62.3709, 57.5301,
54.8878

■ 80.2584, 83.7040,
90.4492

■ 55.3608, 47.2725,
40.9517

■ 89.4069, 97.0909,
108.6359

■ 49.5576, 38.7807,
29.4152

■ 44.8933, 31.9554,
20.1428

■ 41.2929, 26.6868,
12.9860

■ 38.6727, 22.8526,
7.7779

■ 36.9366, 20.3118,
4.3273

■ 35.9686, 18.8951,
2.4039

■ 35.5973, 18.3516,
1.6660

Harmonies

Analogous

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



70.8728, 69.6424, 78.1335



70.6487, 69.6424, 71.3468



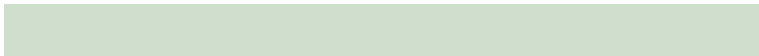
69.2147, 69.6424, 66.0766

Triad

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



70.6487, 69.6424, 71.3468



62.6940, 69.6424, 67.6188



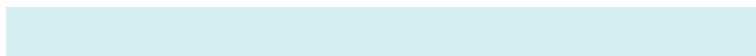
65.3995, 69.6424, 89.6961

Complementary

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



70.6487, 69.6424, 71.3468



73.3100, 81.8122, 93.5894

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.



63.2606, 69.6424, 86.4961



70.6487, 69.6424, 71.3468



61.7239, 69.6424, 73.5698

Square

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



70.6487, 69.6424, 71.3468



64.6090, 69.6424, 64.0167



61.9287, 69.6424, 80.4945



67.8027, 69.6424, 89.0111

Rectangle

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



70.6487, 69.6424, 71.3468



67.7844, 69.6424, 63.9999



61.9287, 69.6424, 80.4945



64.6267, 69.6424, 89.0320

Sweetspot

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



70.6506, 69.6455, 71.3483



90.2833, 93.0252, 99.4234



74.4716, 71.1722, 91.4745



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

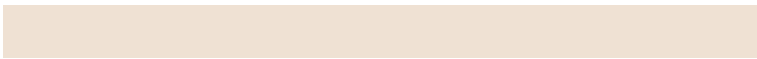
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6506, 69.6455, 71.3483



79.4770, 77.2128, 77.9398



74.2805, 76.9051, 72.5582



15.7731, 15.7592, 16.3602



19.6718, 10.1416, 0.9207



1.6366, 0.8438, 0.0766

Inverse Universe

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



73.3100, 81.8122, 93.5894



83.1120, 93.8432, 108.3408



69.3701, 73.9322, 92.2761



16.2472, 17.9286, 20.3258



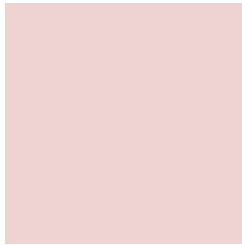
25.6616, 37.5475, 51.0228



2.1349, 3.1237, 4.2446

Previews

White Background



This preview shows how the XYZ color 70.6487, 69.6424, 71.3468 looks on a white background.

Color Contrast Check

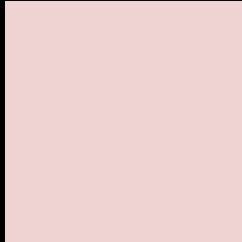
Large Text (above 18pt) WCAG AA × Fail

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 70.6487, 69.6424, 71.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

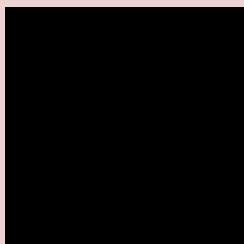
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6487, 69.6424, 71.3468

Background



This preview shows how black text looks on a background with the XYZ color 70.6487, 69.6424, 71.3468.



This preview shows how white text looks on a background with the XYZ color 70.6487, 69.6424,

71.3468.

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

70.6487, 69.6424, 71.3468

Protanopia

67.0747, 70.0103, 73.5965

Deuteranopia

71.0801, 69.4971, 71.2960



Tritanopia

72.6667, 69.7379, 80.8650

Trichromacy



Original Color

70.6487, 69.6424, 71.3468

Protanomaly

68.3056, 69.8990, 72.8425

Deuteranomaly

70.7396, 69.3216, 71.2800

Tritanomaly

71.9000, 69.7858, 77.3906

Monochromacy



Original Color

70.6487, 69.6424, 71.3468

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3146, 70.2384, 74.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6487, 69.6424, 71.3468 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(239, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 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(239, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.6487, 69.6424, 71.3468 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(239, 211, 211) }
```


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

```
.border{ border-color:rgb(239, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6487, 69.6424, 71.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 211) }
```

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

```
.background{ background-color: rgb(239,  
211, 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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