

Converting Colors

XYZ(70.5461, 64.0466, 90.4526)

Have a look what the booklet for
XYZ(70.5461, 64.0466, 90.4526)
contains.

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Color

**XYZ(70.4713, 64.1690,
90.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC5EF
RGB	237, 197, 239
RGB Percent	93%, 77%, 94%
CMY	0.0706, 0.2274, 0.0627
CMYK	0.01, 0.18, 0.00, 0.06
HSL	297°, 57%, 85%
HSV	297°, 18%, 94%
XYZ	70.4713, 64.1690, 90.3330
YIQ	213.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

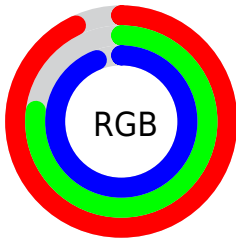
Format	Color
R _Y B	237, 197, 239
Decimal	15582703
CIE Lab	84.05, 21.28, -15.42
CIE LCh	84, 26.280, 324.067
Yxy	64.1690, 0.3132, 0.2852
Android (android.graphics.Color)	4293772783 (0xFFEDC5EF)
YUV	213.7480, 12.4492, 20.3920
Hunter-Lab	80.1056, 16.8472, -10.7859

Details

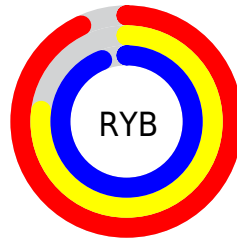
The XYZ color **70.4713, 64.1690, 90.3330** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.5000, 77.9080, 64.4647**, and the grayscale version is **63.6629, 66.9783, 72.9394**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.4258, 32.8876, 49.1751** is the 20% darker color. If you saturate the color by 10%, you get **65.0907, 53.9691, 88.6488**, and if you desaturate by 10%, it is **76.7185, 76.0964, 92.3069**.

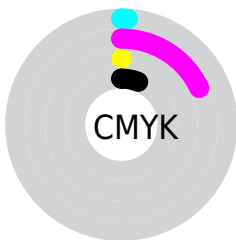
Distribution



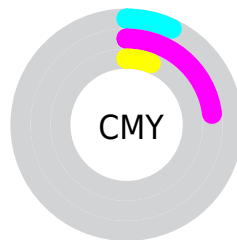
- Red (93%)
- Green (77%)
- Blue (94%)



- Red (93%)
- Yellow (77%)
- Blue (94%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)




- Cyan (7%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4713, 64.1690, 90.3330 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 70.4713, 64.1690, 90.3330 by changing the saturation by 10% instead.


 70.4713, 64.1690,
90.3330

 70.4713, 64.1690,
90.3330


451.4437,
439.7997, 549.7115

 52.1918, 46.7876,
67.6816


118.9032,
110.8543, 149.7404

 37.3829, 32.8678,
49.1737

149.7864,
140.9269, 187.3335

 25.6791, 22.0252,
34.3907


185.6015,
175.9988, 230.7443

 16.7152, 13.8754,
22.9141

226.7139,
216.4542, 280.3912

 10.1257, 8.0340,
14.3254

273.4890,
262.6776, 336.6928

 5.5453, 4.1167,
8.2060

326.2921,

 2.6086, 1.7391,

315.0534, 400.0677

4.1374

385.4886,
373.9659, 470.9345

■ 0.9503, 0.4488,
1.7010

■ 0.0000, 0.0000,
0.3614

■ 70.4713, 64.1690,
90.3330

■ 70.4713, 64.1690,
90.3330

■ 65.0907, 53.9691,
88.6488

■ 76.7185, 76.0964,
92.3069

■ 60.5305, 45.4074,
87.2365

■ 83.8642, 89.8184,
94.5789

■ 56.7489, 38.3993,
86.0832

■ 87.4166, 96.3502,
95.6524

■ 53.6982, 32.8494,
85.1727

■ 87.8051, 96.5504,
95.6706

■ 51.3252, 28.6516,
84.4875

■ 88.1960, 96.7519,
95.6889

■ 49.5699, 25.6855,
84.0075

■ 88.5893, 96.9547,
95.7073

■ 48.3615, 23.8096,
83.7091

■ 88.9850, 97.1587,
95.7258

■ 47.6057, 22.8353,
83.5609

■ 89.3832, 97.3640,
95.7445

■ 47.4551, 22.6642,
83.5358

■ 89.7839, 97.5705,
95.7632

Harmonies

Analogous

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



65.6515, 64.1690, 103.2684



70.4713, 64.1690, 90.3330



72.7663, 64.1690, 73.2221

Triad

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



70.4713, 64.1690, 90.3330



62.1505, 64.1690, 42.6781



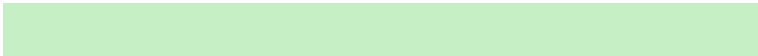
51.3663, 64.1690, 83.7166

Complementary

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



70.4713, 64.1690, 90.3330



64.5000, 77.9080, 64.4647

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.



50.5594, 64.1690, 66.6201



70.4713, 64.1690, 90.3330



56.5559, 64.1690, 44.5808

Square

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



70.4713, 64.1690, 90.3330



67.7705, 64.1690, 47.0722



52.4010, 64.1690, 52.7557



54.6789, 64.1690, 99.0445

Rectangle

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



70.4713, 64.1690, 90.3330



72.4578, 64.1690, 62.3919



52.4010, 64.1690, 52.7557



50.8022, 64.1690, 77.9211

Sweetspot

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



70.4732, 64.1718, 90.3344



90.8936, 92.0182, 107.5784



59.0551, 58.9983, 89.9376



19.3345, 19.4647, 22.9880



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.



70.4732, 64.1718, 90.3344



79.3499, 69.9830, 103.9336



68.4964, 63.4586, 76.4203



16.3755, 15.9908, 19.9451



26.2572, 12.5415, 46.1647



2.2071, 1.0551, 3.8415

Inverse Universe

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



65.8738, 62.4096, 62.6101



73.1308, 67.6030, 66.3209



66.2764, 78.5576, 76.5703



15.8033, 15.7710, 16.5204



19.7194, 10.1602, 1.1728



1.6511, 0.8495, 0.1536

Previews

White Background



This preview shows how the XYZ color 70.4713, 64.1690, 90.3330 looks on a white background.

Color Contrast Check

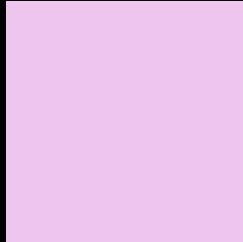
Large Text (above 18pt) WCAG AA × Fail

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 70.4713, 64.1690, 90.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

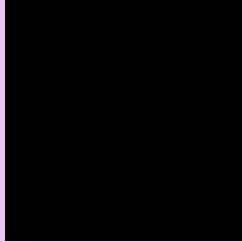
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4713, 64.1690, 90.3330

Background



This preview shows how black text looks on a background with the XYZ color 70.4713, 64.1690, 90.3330.



This preview shows how white text looks on a background with the XYZ color 70.4713, 64.1690,

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

70.4713, 64.1690, 90.3330

Protanopia

63.5475, 64.3221, 96.2549

Deuteranopia

65.6408, 64.1105, 89.8038



Tritanopia

67.3427, 64.2755, 74.5027

Trichromacy



Original Color

70.4713, 64.1690, 90.3330

Protanomaly

65.7949, 64.1039, 93.6995

Deuteranomaly

67.0597, 63.7936, 89.6679

Tritanomaly

68.5058, 64.4070, 80.0553

Monochromacy



Original Color

70.4713, 64.1690, 90.3330

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.9994, 65.9691, 79.0668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4713, 64.1690, 90.3330 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(237, 197, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 239)  
}
```

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(237, 197, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 239) }
```

Border

The CSS property to change the border of an element to XYZ 70.4713, 64.1690, 90.3330 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(237, 197, 239) }
```


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

```
.border{ border-color:rgb(237, 197, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4713, 64.1690, 90.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 239) }
```

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

```
.background{ background-color: rgb(237,  
197, 239) }
```

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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