

Converting Colors

XYZ(72.0588, 67.1665, 93.3679)

Have a look what the booklet for XYZ(72.0588, 67.1665, 93.3679) contains.

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Color

**XYZ(71.9750, 66.9555,
93.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCBF2
RGB	236, 203, 242
RGB Percent	93%, 80%, 95%
CMY	0.0745, 0.2039, 0.0510
CMYK	0.02, 0.16, 0.00, 0.05
HSL	291°, 60%, 87%
HSV	291°, 16%, 95%
XYZ	71.9750, 66.9555, 93.1346
YIQ	217.3130, 7.1490, 19.1250

Conversions

Conversions Part 2

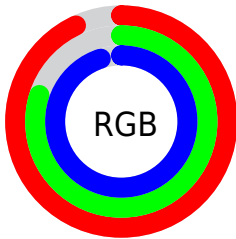
Format	Color
R _Y B	236, 203, 242
Decimal	15518706
CIE _{Lab}	85.48, 18.32, -14.88
CIE _{LCh}	85, 23.604, 320.910
Yxy	66.9555, 0.3102, 0.2885
Android (android.graphics.Color)	4293708786 (0xFFECCBF2)
YUV	217.3130, 12.1707, 16.3885
Hunter-Lab	81.8263, 13.8137, -10.2053

Details

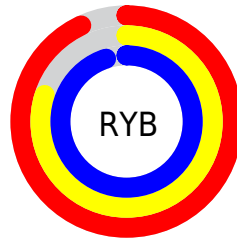
The XYZ color **71.9750, 66.9555, 93.1346** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.8285, 81.3731, 68.5821**, and the grayscale version is **66.0853, 69.5269, 75.7148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4328, 34.7434, 51.1349** is the 20% darker color. If you saturate the color by 10%, you get **65.4775, 55.7755, 91.3201**, and if you desaturate by 10%, it is **79.3943, 79.9386, 95.2506**.

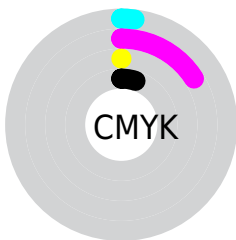
Distribution



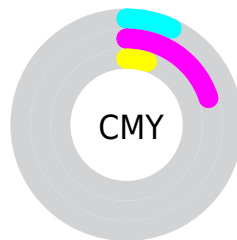
- Red (93%)
- Green (80%)
- Blue (95%)



- Red (93%)
- Yellow (80%)
- Blue (95%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9750, 66.9555, 93.1346 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 71.9750, 66.9555, 93.1346 by changing the saturation by 10% instead.

71.9750, 66.9555,
93.1346

71.9750, 66.9555,
93.1346

456.6136,
449.7864, 559.0068

53.4236, 49.0485,
69.9951

121.0320,
114.8566, 153.6583

38.3699, 34.6579,
51.0458

152.2683,
145.6195, 191.8795

26.4484, 23.3995,
35.8680

188.4637,
181.4365, 235.9651

17.2938, 14.8888,
24.0434

229.9835,
222.6920, 286.3335

10.5408, 8.7414,
15.1533

277.1930,
269.7703, 343.4034

5.8240, 4.5729,
8.7793

330.4576,

2.7780, 1.9989,

323.0559, 407.5932

4.5026

390.1427,
382.9331, 479.3214

■ 1.0375, 0.6068,
1.9049

■ 0.0000, 0.0000,
0.4959

■ 71.9750, 66.9555,
93.1346

■ 71.9750, 66.9555,
93.1346

■ 65.4775, 55.7755,
91.3201

■ 79.3943, 79.9386,
95.2506

■ 59.8543, 46.3073,
89.7889

■ 87.7682, 94.7934,
97.6765

■ 55.0628, 38.4646,
88.5277

■ 90.2054, 97.7362,
98.1160

■ 51.0543, 32.1505,
87.5202

■ 91.5329, 98.4205,
98.1782

■ 47.7749, 27.2571,
86.7485

■ 92.8867, 99.1184,
98.2415

■ 45.1636, 23.6627,
86.1924

■ 93.0272, 99.1909,
98.2481

■ 43.1491, 21.2252,
85.8281

■ 41.6429, 19.7678,
85.6261

■ 41.1404, 19.3572,
85.5734

Harmonies

Analogous

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



67.3874, 66.9555, 104.0843



71.9750, 66.9555, 93.1346



74.3638, 66.9555, 77.6645

Triad

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



71.9750, 66.9555, 93.1346



65.2807, 66.9555, 47.4773



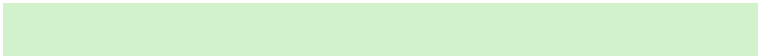
54.4923, 66.9555, 83.9488

Complementary

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



71.9750, 66.9555, 93.1346



68.8285, 81.3731, 68.5821

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.



53.9987, 66.9555, 68.3405



71.9750, 66.9555, 93.1346



60.0326, 66.9555, 48.6687

Square

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



71.9750, 66.9555, 93.1346



70.3587, 66.9555, 52.3167



55.9732, 66.9555, 55.8367



57.3617, 66.9555, 98.2853

Rectangle

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



71.9750, 66.9555, 93.1346



74.3008, 66.9555, 67.4601



55.9732, 66.9555, 55.8367



54.0496, 66.9555, 78.6314

Sweetspot

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



71.9770, 66.9584, 93.1361



90.3986, 91.7630, 107.5553



63.5817, 64.9570, 93.1922



19.2138, 19.4025, 22.9823



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.



71.9770, 66.9584, 93.1361



78.8046, 71.5015, 104.2555



72.1188, 67.2491, 83.3099



16.2014, 15.9011, 19.9369



22.1953, 10.4475, 45.9746



1.9103, 0.9020, 3.8276

Inverse Universe

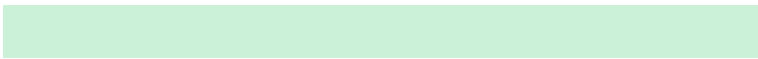
The Inverse Universe completely reimagines the original color for something new.



69.4848, 66.1955, 69.4395



75.5821, 70.5231, 73.2498



68.7777, 81.1603, 77.0089



15.8719, 15.7985, 16.8818



19.8840, 10.2260, 2.0400



1.6838, 0.8626, 0.3256

Previews

White Background



This preview shows how the XYZ color 71.9750, 66.9555, 93.1346 looks on a white background.

Color Contrast Check

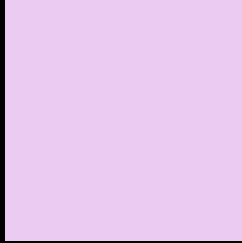
Large Text (above 18pt) WCAG AA × Fail

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 71.9750, 66.9555, 93.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

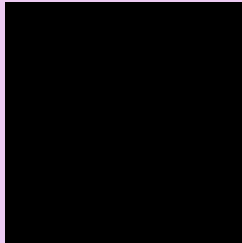
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9750, 66.9555, 93.1346

Background



This preview shows how black text looks on a background with the XYZ color 71.9750, 66.9555, 93.1346.



This preview shows how white text looks on a background with the XYZ color 71.9750, 66.9555,

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

71.9750, 66.9555, 93.1346

Protanopia

66.2189, 67.1297, 98.2741

Deuteranopia

68.5573, 66.9922, 92.5365



Tritanopia

68.9949, 66.7940, 79.0681

Trichromacy



Original Color

71.9750, 66.9555, 93.1346

Protanomaly

68.3485, 67.1602, 96.5496

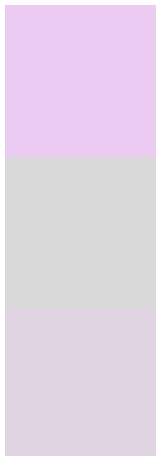
Deuteranomaly

69.6270, 66.8244, 92.4477

Tritanomaly

70.0459, 66.8682, 84.0780

Monochromacy



Original Color

71.9750, 66.9555, 93.1346

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.0114, 68.4252, 81.5743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9750, 66.9555, 93.1346 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(236, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(236, 203, 242)  
}
```

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(236, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 203, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.9750, 66.9555, 93.1346 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(236, 203, 242) }
```


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

```
.border{ border-color:rgb(236, 203, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 203, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 203, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 203, 242); box-shadow:4px 4px 4px 4px rgb(236, 203, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9750, 66.9555, 93.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 203, 242) }
```

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

```
.background{ background-color: rgb(236,  
203, 242) }
```

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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