

Converting Colors

XYZ(70.5342, 66.2148, 93.0683)

Have a look what the booklet for
XYZ(70.5342, 66.2148, 93.0683)
contains.

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Color

**XYZ(70.6617, 66.2785,
93.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CBF2
RGB	232, 203, 242
RGB Percent	91%, 80%, 95%
CMY	0.0902, 0.2039, 0.0510
CMYK	0.04, 0.16, 0.00, 0.05
HSL	285°, 60%, 87%
HSV	285°, 16%, 95%
XYZ	70.6617, 66.2785, 93.0732
YIQ	216.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

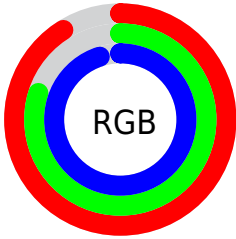
Format	Color
R _Y B	232, 203, 242
Decimal	15256562
CIE Lab	85.14, 17.01, -15.43
CIE LCh	85, 22.969, 317.784
Yxy	66.2785, 0.3072, 0.2882
Android (android.graphics.Color)	4293446642 (0xFFE8CBF2)
YUV	216.1170, 12.7603, 13.9294
Hunter-Lab	81.4116, 12.4598, -10.7947

Details

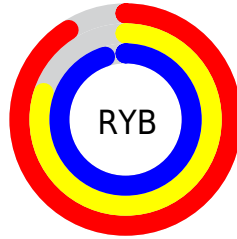
The XYZ color **70.6617, 66.2785, 93.0732** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.9746, 81.9639, 68.6357**, and the grayscale version is **65.2652, 68.6641, 74.7752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5149, 34.2702, 51.0919** is the 20% darker color. If you saturate the color by 10%, you get **63.4085, 54.7089, 91.2233**, and if you desaturate by 10%, it is **78.8820, 79.6745, 95.2266**.

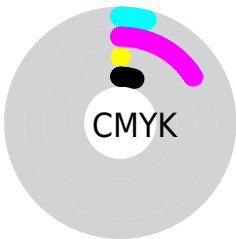
Distribution



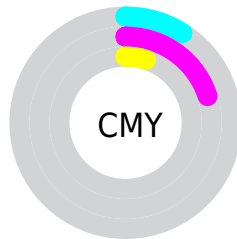
- Red (91%)
- Green (80%)
- Blue (95%)



- Red (91%)
- Yellow (80%)
- Blue (95%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6617, 66.2785, 93.0732 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 70.6617, 66.2785, 93.0732 by changing the saturation by 10% instead.

70.6617, 66.2785,
93.0732

70.6617, 66.2785,
93.0732

452.1002,
447.3722, 558.8040

52.3477, 48.4985,
69.9443

119.1730,
113.8860, 153.5725

37.5077, 34.2218,
51.0046

150.1011,
144.4822, 191.7801

25.7763, 23.0641,
35.8355

185.9645,
180.1194, 235.8510

16.7882, 14.6408,
24.0185

227.1287,
221.1818, 286.2037

10.1779, 8.5677,
15.1350

273.9591,
268.0539, 343.2568

5.5803, 4.4603,
8.7665

326.8208,

2.6298, 1.9342,

321.1201, 407.4289

4.4945

386.0794,
380.7647, 479.1384

■ 0.9612, 0.5688,
1.9004

■ 0.0000, 0.0000,
0.4930

■ 70.6617, 66.2785,
93.0732

■ 70.6617, 66.2785,
93.0732

■ 63.4085, 54.7089,
91.2233

■ 78.8820, 79.6745,
95.2266

■ 57.0745, 44.8742,
89.6589

■ 88.1028, 94.9659,
97.6922

■ 51.6163, 36.6879,
88.3664

■ 91.4335, 98.3693,
98.1736

■ 46.9848, 30.0525,
87.3298

■ 93.0272, 99.1909,
98.2481

■ 43.1254, 24.8602,
86.5310

■ 39.9765, 20.9887,
85.9497

■ 37.4662, 18.2956,
85.5622

■ 35.5054, 16.6038,
85.3390

■ 34.8372, 16.1078,
85.2784

Harmonies

Analogous

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



66.0861, 66.2785, 102.8683



70.6617, 66.2785, 93.0732



73.2372, 66.2785, 78.3699

Triad

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



70.6617, 66.2785, 93.0732



65.1263, 66.2785, 47.7290



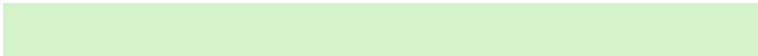
53.9820, 66.2785, 81.2309

Complementary

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



70.6617, 66.2785, 93.0732



69.9746, 81.9639, 68.6357

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.



53.7565, 66.2785, 66.2985



70.6617, 66.2785, 93.0732



60.0032, 66.2785, 48.2753

Square

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



70.6617, 66.2785, 93.0732



69.9259, 66.2785, 53.0394



55.9053, 66.2785, 54.6506



56.5392, 66.2785, 95.4133

Rectangle

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



70.6617, 66.2785, 93.0732



73.3852, 66.2785, 68.3723



55.9053, 66.2785, 54.6506



53.6363, 66.2785, 76.0975

Sweetspot

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



70.6637, 66.2813, 93.0746



89.9240, 91.5184, 107.5331



64.5533, 66.9002, 93.5162



19.0982, 19.3429, 22.9769



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.



70.6637, 66.2813, 93.0746



77.0701, 70.6073, 104.1743



72.6696, 67.4694, 86.2104



16.0356, 15.8156, 19.9292



18.8480, 8.7219, 45.8180



1.6595, 0.7728, 3.8159

Inverse Universe

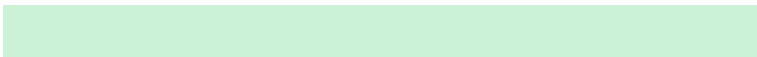
The Inverse Universe completely reimagines the original color for something new.



69.9864, 66.3962, 72.0810



76.2267, 70.7810, 76.6442



68.2794, 80.9610, 74.3847



15.9391, 15.8254, 17.2356



20.1862, 10.3469, 3.6309



1.7184, 0.8764, 0.5079

Previews

White Background



This preview shows how the XYZ color 70.6617, 66.2785, 93.0732 looks on a white background.

Color Contrast Check

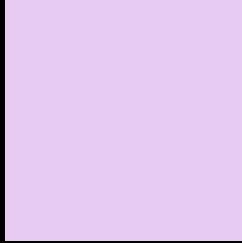
Large Text (above 18pt) WCAG AA × Fail

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 70.6617, 66.2785, 93.0732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

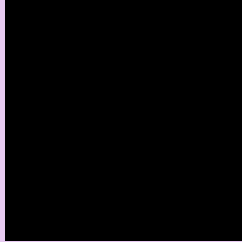
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6617, 66.2785, 93.0732

Background



This preview shows how black text looks on a background with the XYZ color 70.6617, 66.2785, 93.0732.



This preview shows how white text looks on a background with the XYZ color 70.6617, 66.2785,

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

70.6617, 66.2785, 93.0732

Protanopia

65.5364, 66.4257, 97.3630

Deuteranopia

67.7052, 66.1922, 92.4270



Tritanopia

67.7037, 66.1283, 79.0077

Trichromacy



Original Color

70.6617, 66.2785, 93.0732

Protanomaly

67.0616, 66.1514, 95.6202

Deuteranomaly

68.6890, 66.3408, 92.4038

Tritanomaly

68.7474, 66.1988, 84.0172

Monochromacy



Original Color

70.6617, 66.2785, 93.0732

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.0091, 67.5544, 80.7417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6617, 66.2785, 93.0732 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, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.6617, 66.2785, 93.0732 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, 203, 242) }
```


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

```
.border{ border-color:rgb(232, 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(232, 203, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 203, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 203, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 203,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6617, 66.2785, 93.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 203, 242) }
```

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

```
.background{ background-color: rgb(232,  
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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