

Converting Colors

XYZ(70.8217, 66.3648, 94.0752)

Have a look what the booklet for
XYZ(70.8217, 66.3648, 94.0752)
contains.

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Color

**XYZ(70.8123, 66.3387,
93.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CBF3
RGB	232, 203, 243
RGB Percent	91%, 80%, 95%
CMY	0.0902, 0.2039, 0.0471
CMYK	0.05, 0.16, 0.00, 0.05
HSL	283°, 63%, 87%
HSV	283°, 16%, 95%
XYZ	70.8123, 66.3387, 93.8665
YIQ	216.2310, 4.4440, 18.5880

Conversions

Conversions Part 2

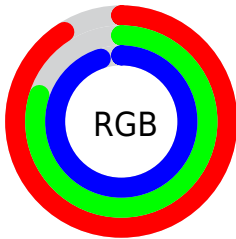
Format	Color
R _Y B	232, 203, 243
Decimal	15256563
CIE Lab	85.17, 17.20, -15.92
CIE LCh	85, 23.436, 317.217
Yxy	66.3387, 0.3065, 0.2872
Android (android.graphics.Color)	4293446643 (0xFFE8CBF3)
YUV	216.2310, 13.1971, 13.8294
Hunter-Lab	81.4486, 12.6549, -11.3156

Details

The XYZ color **70.8123, 66.3387, 93.8665** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5640, 82.7109, 68.7488**, and the grayscale version is **65.3401, 68.7429, 74.8610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6216, 34.3129, 51.6539** is the 20% darker color. If you saturate the color by 10%, you get **63.3898, 54.6521, 92.0030**, and if you desaturate by 10%, it is **79.2207, 79.8723, 96.0366**.

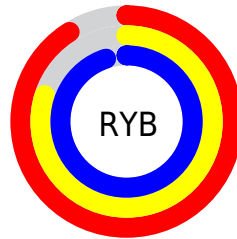
Distribution



Red (91%)

Green (80%)

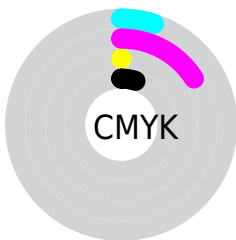
Blue (95%)



Red (91%)

Yellow (80%)

Blue (95%)

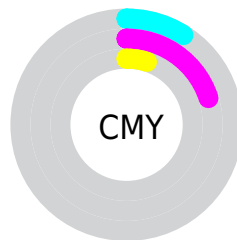


Cyan (5%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8123, 66.3387, 93.8665 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 70.8123, 66.3387, 93.8665 by changing the saturation by 10% instead.

70.8123, 66.3387,
93.8665

70.8123, 66.3387,
93.8665

452.6191,
447.5872, 561.4212

52.4710, 48.5474,
70.6003

119.3864,
113.9723, 154.6798

37.6064, 34.2606,
51.5362

150.3499,
144.5834, 193.0639

25.8532, 23.0939,
36.2558

186.2516,
180.2366, 237.3244

16.8460, 14.6628,
24.3406

227.4567,
221.3162, 287.8797

10.2193, 8.5831,
15.3719

274.3306,
268.2067, 345.1486

5.6080, 4.4703,
8.9313

327.2388,

2.6466, 1.9399,

321.2924, 409.5494

4.6002

386.5465,
380.9578, 481.5008

■ 0.9698, 0.5722,
1.9601

■ 0.0000, 0.0000,
0.5306

■ 70.8123, 66.3387,
93.8665

■ 70.8123, 66.3387,
93.8665

■ 63.3898, 54.6521,
92.0030

■ 79.2207, 79.8723,
96.0366

■ 56.9044, 44.7199,
90.4277

■ 88.6490, 95.3230,
98.5219

■ 51.3123, 36.4544,
89.1270

■ 92.1010, 98.6960,
98.9911

■ 46.5633, 29.7566,
88.0845

■ 93.1779, 99.2511,
99.0415

■ 42.6018, 24.5170,
87.2820

■ 39.3652, 20.6117,
86.6987

■ 36.7802, 17.8954,
86.3107

■ 34.7552, 16.1868,
86.0876

■ 34.1214, 15.7214,
86.0312

Harmonies

Analogous

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



66.1102, 66.3387, 103.7634



70.8123, 66.3387, 93.8665



73.4957, 66.3387, 78.8668

Triad

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



70.8123, 66.3387, 93.8665



65.3291, 66.3387, 47.3962



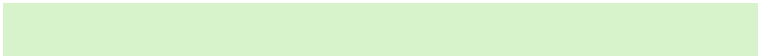
53.8324, 66.3387, 81.1966

Complementary

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



70.8123, 66.3387, 93.8665



70.5640, 82.7109, 68.7488

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.



53.6494, 66.3387, 65.9794



70.8123, 66.3387, 93.8665



60.0915, 66.3387, 47.8379

Square

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



70.8123, 66.3387, 93.8665



70.2131, 66.3387, 52.9012



55.8822, 66.3387, 54.2060



56.3970, 66.3387, 95.7762

Rectangle

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



70.8123, 66.3387, 93.8665



73.6857, 66.3387, 68.6353



55.8822, 66.3387, 54.2060



53.4956, 66.3387, 75.9514

Sweetspot

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



70.8143, 66.3415, 93.8679



89.8383, 91.4742, 107.5290



64.9399, 67.4325, 94.3881



19.0773, 19.3321, 22.9759



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.



70.8143, 66.3415, 93.8679



75.9097, 69.1020, 103.9449



73.2193, 67.7290, 87.3088



16.7433, 16.5258, 20.8499



18.8635, 8.6988, 47.2228



1.7566, 0.8154, 4.1550

Inverse Universe

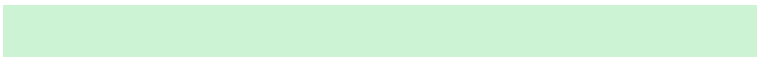
The Inverse Universe completely reimagines the original color for something new.



70.4579, 66.6245, 72.7677



75.4911, 69.5090, 75.7851



68.5232, 81.5361, 74.1964



16.6864, 16.5574, 18.0950



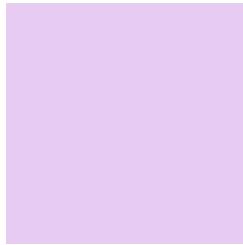
20.8880, 10.6986, 4.1185



1.8775, 0.9569, 0.5811

Previews

White Background



This preview shows how the XYZ color 70.8123, 66.3387, 93.8665 looks on a white background.

Color Contrast Check

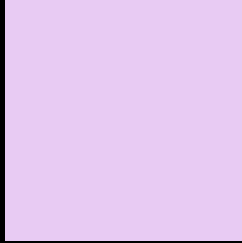
Large Text (above 18pt) WCAG AA × Fail

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 70.8123, 66.3387, 93.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

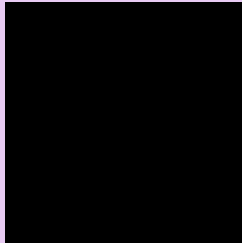
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8123, 66.3387, 93.8665

Background



This preview shows how black text looks on a background with the XYZ color 70.8123, 66.3387, 93.8665.



This preview shows how white text looks on a background with the XYZ color 70.8123, 66.3387,

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

70.8123, 66.3387, 93.8665

Protanopia

65.6911, 66.4877, 98.1780

Deuteranopia

67.8550, 66.2521, 93.2160



Tritanopia

67.9452, 66.6114, 79.0882

Trichromacy



Original Color

70.8123, 66.3387, 93.8665

Protanomaly

67.2148, 66.2126, 96.4265

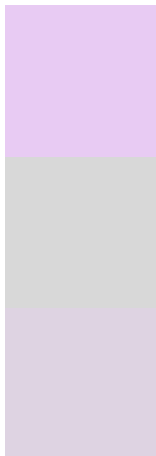
Deuteranomaly

68.8388, 66.4007, 93.1928

Tritanomaly

68.9874, 66.6788, 84.0972

Monochromacy



Original Color

70.8123, 66.3387, 93.8665

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1459, 67.6091, 81.4624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8123, 66.3387, 93.8665 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(232, 203, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 243) }
```

Border

The CSS property to change the border of an element to XYZ 70.8123, 66.3387, 93.8665 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, 243) }
```


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

```
.border{ border-color:rgb(232, 203, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 203, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 203, 243);  
box-shadow:4px 4px 4px 4px rgb(232, 203,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8123, 66.3387, 93.8665 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, 243) }
```

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

```
.background{ background-color: rgb(232,  
203, 243) }
```

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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