

Converting Colors

XYZ(70.9132, 66.7766, 78.7248)

Have a look what the booklet for
XYZ(70.9132, 66.7766, 78.7248)
contains.

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Color

**XYZ(70.9508, 66.7404,
78.9547)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CBDF
RGB	241, 203, 223
RGB Percent	95%, 80%, 87%
CMY	0.0549, 0.2039, 0.1255
CMYK	0.00, 0.16, 0.07, 0.05
HSL	328°, 58%, 87%
HSV	328°, 16%, 95%
XYZ	70.9508, 66.7404, 78.9547
YIQ	216.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

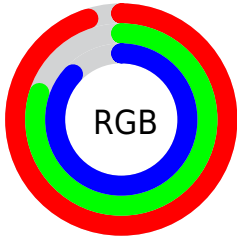
Format	Color
R _Y B	241, 203, 223
Decimal	15846367
CIE Lab	85.37, 16.62, -4.90
CIE LCh	85, 17.325, 343.568
Yxy	66.7404, 0.3275, 0.3081
Android (android.graphics.Color)	4294036447 (0xFFF1CBDF)
YUV	216.6420, 3.1345, 21.3620
Hunter-Lab	81.6948, 12.0589, -0.1150

Details

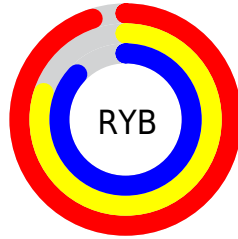
The XYZ color **70.9508, 66.7404, 78.9547** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1376, 80.8292, 80.3681**, and the grayscale version is **65.6814, 69.1020, 75.2521**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8229, 34.6363, 41.7378** is the 20% darker color. If you saturate the color by 10%, you get **64.2084, 55.6359, 69.3674**, and if you desaturate by 10%, it is **78.6855, 79.6617, 89.3865**.

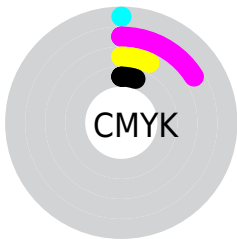
Distribution



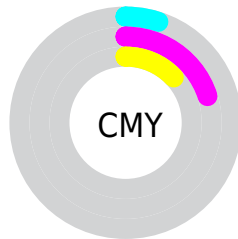
- Red (95%)
- Green (80%)
- Blue (87%)



- Red (95%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9508, 66.7404, 78.9547 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 70.9508, 66.7404, 78.9547 by changing the saturation by 10% instead.

70.9508, 66.7404,
78.9547

70.9508, 66.7404,
78.9547

453.0959,
449.0202, 511.0166

52.5844, 48.8737,
58.3375

119.5826,
114.5484, 133.6932

37.6973, 34.5193,
41.6635

150.5787,
145.2584, 168.6515

25.9240, 23.2928,
28.5143

186.5154,
181.0183, 209.2273

16.8992, 14.8099,
18.4713

227.7581,
222.2125, 255.8390

10.2575, 8.6861,
11.1160

274.6722,
269.2254, 308.9053

5.6336, 4.5370,
6.0297

327.6229,

2.6621, 1.9782,

322.4414, 368.8446

2.7941

386.9757,
382.2448, 436.0756

■ 0.9777, 0.5948,
0.9905

■ 0.0000, 0.0000,
0.0000

■ 70.9508, 66.7404,
78.9547

■ 70.9508, 66.7404,
78.9547

■ 64.2084, 55.6359,
69.3674

■ 78.6855, 79.6617,
89.3865

■ 58.4099, 46.2569,
60.5961

■ 87.4468, 94.4678,
100.6816

■ 53.5110, 38.5178,
52.6164

■ 90.0859, 97.4409,
108.6677

■ 49.4617, 32.3219,
45.4011

■ 46.2067, 27.5621,
38.9207

■ 43.6839, 24.1178,
33.1430

■ 41.8209, 21.8482,
28.0321

■ 40.5287, 20.5793,
23.5459

■ 40.0957, 20.2288,
21.8121

Harmonies

Analogous

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



68.7787, 66.7404, 89.4778



70.9508, 66.7404, 78.9547



71.0560, 66.7404, 67.7162

Triad

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



70.9508, 66.7404, 78.9547



61.6809, 66.7404, 53.6215



58.1232, 66.7404, 88.6035

Complementary

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



70.9508, 66.7404, 78.9547



69.1376, 80.8292, 80.3681

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.



56.3789, 66.7404, 77.8575



70.9508, 66.7404, 78.9547



58.3751, 66.7404, 58.1092

Square

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



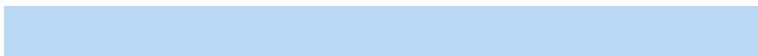
70.9508, 66.7404, 78.9547



65.5932, 66.7404, 53.8500



56.4692, 66.7404, 66.7260



61.3242, 66.7404, 95.4292

Rectangle

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



70.9508, 66.7404, 78.9547



69.9318, 66.7404, 61.3632



56.4692, 66.7404, 66.7260



57.3531, 66.7404, 85.2845

Sweetspot

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



70.9527, 66.7433, 78.9561



90.1592, 91.7502, 102.5474



66.9734, 64.3964, 92.1197



19.1557, 19.3995, 21.7625



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.



70.9527, 66.7433, 78.9561



78.0162, 71.4968, 86.0677



68.5650, 65.7883, 66.3828



16.1204, 15.8979, 18.1900



21.8116, 10.9971, 12.1902



1.8648, 0.9350, 1.2788

Inverse Universe

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



70.9527, 66.7433, 78.9561



78.0162, 71.4968, 86.0677



71.7745, 81.8840, 94.2536



16.1204, 15.8979, 18.1900



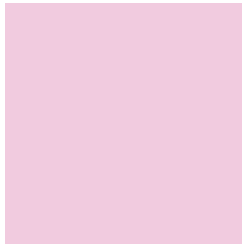
21.8116, 10.9971, 12.1902



1.8648, 0.9350, 1.2788

Previews

White Background



This preview shows how the XYZ color 70.9508, 66.7404, 78.9547 looks on a white background.

Color Contrast Check

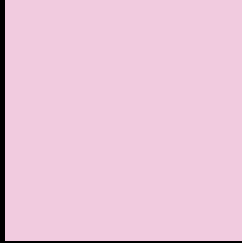
Large Text (above 18pt) WCAG AA × Fail

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 70.9508, 66.7404, 78.9547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

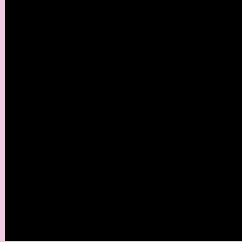
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9508, 66.7404, 78.9547

Background



This preview shows how black text looks on a background with the XYZ color 70.9508, 66.7404, 78.9547.



This preview shows how white text looks on a background with the XYZ color 70.9508, 66.7404,

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

70.9508, 66.7404, 78.9547

Protanopia

65.1269, 66.8902, 83.6073

Deuteranopia

68.1308, 66.7226, 78.3951



Tritanopia

70.6547, 67.0010, 76.2264

Trichromacy



Original Color

70.9508, 66.7404, 78.9547

Protanomaly

67.0970, 66.8350, 82.0371

Deuteranomaly

69.1878, 66.9090, 78.3754

Tritanomaly

70.7868, 67.0538, 76.9220

Monochromacy



Original Color

70.9508, 66.7404, 78.9547

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.6937, 68.3702, 76.6468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9508, 66.7404, 78.9547 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(241, 203, 223)` looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 223)  
}
```

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(241, 203, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.9508, 66.7404, 78.9547 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(241, 203, 223) }
```


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

```
.border{ border-color:rgb(241, 203, 223) }
```

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

Here you see how a box with a 4 pixel rgb(241, 203, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 223);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9508, 66.7404, 78.9547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 223) }
```

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

```
.background{ background-color: rgb(241,  
203, 223) }
```

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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