

Converting Colors

XYZ(70.3480, 58.0022, 83.4139)

Have a look what the booklet for
XYZ(70.3480, 58.0022, 83.4139)
contains.

XYZ(70.2908, 57.9092, 83.0742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.2908, 57.9092,
83.0742)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB1E7
RGB	252, 177, 231
RGB Percent	99%, 69%, 91%
CMY	0.0118, 0.3059, 0.0941
CMYK	0.00, 0.30, 0.08, 0.01
HSL	317°, 93%, 84%
HSV	317°, 30%, 99%
XYZ	70.2908, 57.9092, 83.0742
YIQ	205.5810, 27.3660, 32.6940

Conversions

Conversions Part 2

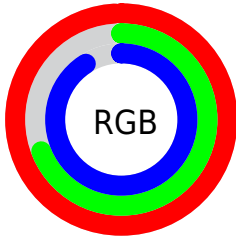
Format	Color
R _Y B	252, 177, 231
Decimal	16560615
CIE Lab	80.69, 35.40, -16.05
CIE LCh	81, 38.866, 335.610
Yxy	57.9092, 0.3327, 0.2741
Android (android.graphics.Color)	4294750695 (0xFFFCB1E7)
YUV	205.5810, 12.5316, 40.7095
Hunter-Lab	76.0981, 31.7064, -11.4566

Details

The XYZ color **70.2908, 57.9092, 83.0742** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.1373, 83.0468, 66.1315**, and the grayscale version is **58.3102, 61.3469, 66.8068**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **37.0690, 28.7304, 44.1492** is the 20% darker color. If you saturate the color by 10%, you get **64.7891, 48.4679, 76.4221**, and if you desaturate by 10%, it is **76.7553, 69.2098, 90.2467**.

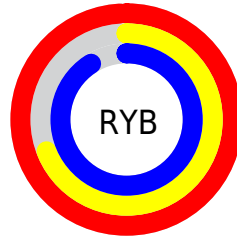
Distribution



Red (99%)

Green (69%)

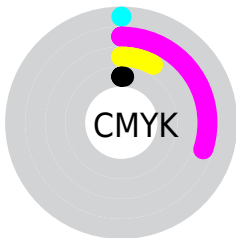
Blue (91%)



Red (99%)

Yellow (69%)

Blue (91%)

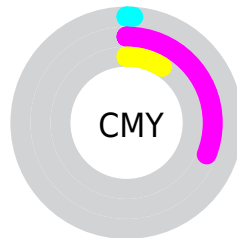


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2908, 57.9092, 83.0742 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 70.2908, 57.9092, 83.0742 by changing the saturation by 10% instead.


 70.2908, 57.9092,
83.0742

 70.2908, 57.9092,
83.0742


450.8209,
416.8475, 525.2113

 52.0441, 41.7357,
61.7104


 118.6474,
101.7906, 139.5295

 37.2646, 28.8944,
44.3645

149.4879,
130.2673, 175.4582

 25.5871, 19.0009,
30.6178


185.2572,
163.6138, 217.0788

 16.6460, 11.6709,
20.0520

226.3205,
202.2145, 264.8100

 10.0762, 6.5200,
12.2484

273.0431,
246.4538, 319.0703

 5.5122, 3.1638,
6.7885

325.7905,

 2.5886, 1.2178,

296.7162, 380.2783

3.2537

384.9280,
353.3859, 448.8524

0.9401, 0.0762,
1.2256

0.0000, 0.0000,
0.0000

70.2908, 57.9092,
83.0742

70.2908, 57.9092,
83.0742

64.7891, 48.4679,
76.4221

76.7553, 69.2098,
90.2467

60.1937, 40.7766,
70.2675

84.2244, 82.4557,
97.9540

56.4503, 34.7267,
64.5905

92.7441, 97.7369,
106.2142

53.4966, 30.1940,
59.3680

93.9553, 99.4357,
108.8488

■ 51.2612, 27.0365,
54.5737

■ 49.6591, 25.0853,
50.1767

■ 48.5547, 24.0699,
46.1295

■ 48.5307, 24.0498,
46.0354

Harmonies

Analogous

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



64.5031, 57.9092, 106.1334



70.2908, 57.9092, 83.0742



71.8327, 57.9092, 58.8392

Triad

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



70.2908, 57.9092, 83.0742



53.5491, 57.9092, 28.5589



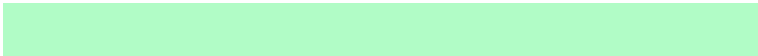
43.4468, 57.9092, 92.3764

Complementary

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



70.2908, 57.9092, 83.0742



63.1373, 83.0468, 66.1315

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.



41.0940, 57.9092, 67.4639



70.2908, 57.9092, 83.0742



46.5526, 57.9092, 33.5654

Square

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



70.2908, 57.9092, 83.0742



61.6479, 57.9092, 30.8123



42.1736, 57.9092, 46.5389



48.9238, 57.9092, 112.3521

Rectangle

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



70.2908, 57.9092, 83.0742



70.1277, 57.9092, 45.8468



42.1736, 57.9092, 46.5389



42.2898, 57.9092, 84.1020

Sweetspot

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



70.2925, 57.9118, 83.0754



87.1431, 85.8144, 101.2451



56.3213, 50.3458, 98.8457



18.3964, 17.9115, 21.4151



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.



70.2925, 57.9118, 83.0754



68.5567, 53.1991, 80.9995



65.6630, 56.0600, 58.6965



17.7736, 17.4368, 20.6634



25.3460, 12.5541, 24.3280



2.3926, 1.1808, 2.4909

Inverse Universe

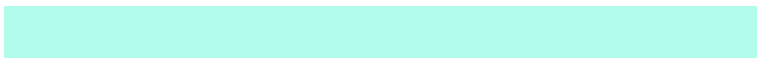
The Inverse Universe completely reimagines the original color for something new.



70.2925, 57.9118, 83.0754



68.5567, 53.1991, 80.9995



67.8671, 84.9387, 91.0386



17.7736, 17.4368, 20.6634



25.3460, 12.5541, 24.3280



2.3926, 1.1808, 2.4909

Previews

White Background



This preview shows how the XYZ color 70.2908, 57.9092, 83.0742 looks on a white background.

Color Contrast Check

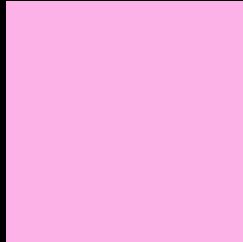
Large Text (above 18pt) WCAG AA × Fail

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 70.2908, 57.9092, 83.0742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

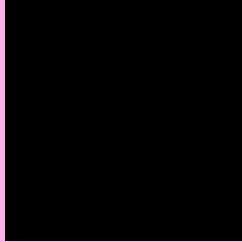
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2908, 57.9092, 83.0742

Background



This preview shows how black text looks on a background with the XYZ color 70.2908, 57.9092, 83.0742.



This preview shows how white text looks on a background with the XYZ color 70.2908, 57.9092,

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

70.2908, 57.9092, 83.0742

Protanopia

58.2932, 58.4478, 95.3980

Deuteranopia

59.2508, 57.8970, 81.4512



Tritanopia

65.7229, 57.8546, 60.5264

Trichromacy



Original Color

70.2908, 57.9092, 83.0742



Protanomaly

61.9486, 57.7586, 91.1026



Deuteranomaly

62.5575, 57.3116, 81.8938



Tritanomaly

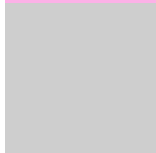
67.0994, 57.7909, 67.9398

Monochromacy



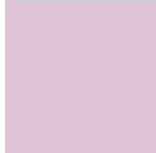
Original Color

70.2908, 57.9092, 83.0742



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.2123, 59.6245, 72.5197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2908, 57.9092, 83.0742 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(252, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 231)  
}
```

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(252, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 231) }
```

Border

The CSS property to change the border of an element to XYZ 70.2908, 57.9092, 83.0742 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(252, 177, 231) }
```


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

```
.border{ border-color:rgb(252, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2908, 57.9092, 83.0742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 231) }
```

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

```
.background{ background-color: rgb(252,  
177, 231) }
```

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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