

Converting Colors

XYZ(69.5710, 62.8858, 81.8702)

Have a look what the booklet for
XYZ(69.5710, 62.8858, 81.8702)
contains.

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Color

**XYZ(69.5710, 62.8858,
81.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C2E4
RGB	241, 194, 228
RGB Percent	95%, 76%, 89%
CMY	0.0549, 0.2392, 0.1059
CMYK	0.00, 0.20, 0.05, 0.05
HSL	317°, 63%, 85%
HSV	317°, 20%, 95%
XYZ	69.5710, 62.8858, 81.8702
YIQ	211.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

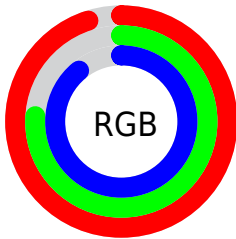
Format	Color
R _Y B	241, 194, 228
Decimal	15844068
CIE Lab	83.38, 22.24, -10.52
CIE LCh	83, 24.599, 334.688
Yxy	62.8858, 0.3246, 0.2934
Android (android.graphics.Color)	4294034148 (0xFFF1C2E4)
YUV	211.9290, 7.9230, 25.4953
Hunter-Lab	79.3006, 17.8234, -5.7008

Details

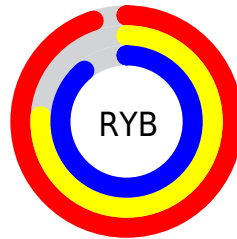
The XYZ color **69.5710, 62.8858, 81.8702** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.9684, 78.8867, 70.8375**, and the grayscale version is **62.4748, 65.7284, 71.5782**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **36.9285, 32.0876, 43.7823** is the 20% darker color. If you saturate the color by 10%, you get **63.7289, 52.6533, 75.4449**, and if you desaturate by 10%, it is **76.3223, 74.8776, 88.7761**.

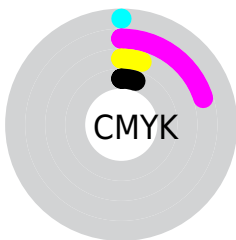
Distribution



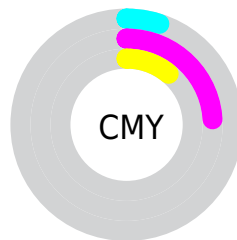
- Red (95%)
- Green (76%)
- Blue (89%)



- Red (95%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5710, 62.8858, 81.8702 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 69.5710, 62.8858, 81.8702 by changing the saturation by 10% instead.

69.5710, 62.8858,
81.8702

69.5710, 62.8858,
81.8702

448.3322,
435.1549, 521.0855

51.4552, 45.7488,
60.7234

117.6264,
109.0047, 137.8270

36.7935, 32.0477,
43.5728

148.2967,
138.7555, 173.4741

25.2206, 21.3979,
30.0001

183.8825,
173.4796, 214.7916

16.3711, 13.4152,
19.5866

224.7492,
213.5616, 262.1982

9.8796, 7.7151,
11.9138

271.2622,
259.3856, 316.1123

5.3809, 3.9132,
6.5632

323.7868,

2.5095, 1.6251,

311.3363, 376.9525

3.1162

382.6883,
369.7979, 445.1374

■ 0.9000, 0.3744,
1.1543

■ 0.0000, 0.0000,
0.0000

■ 69.5710, 62.8858,
81.8702

■ 69.5710, 62.8858,
81.8702

■ 63.7289, 52.6533,
75.4449

■ 76.3223, 74.8776,
88.7761

■ 58.7481, 44.0881,
69.4801

■ 84.0167, 88.6988,
96.1737

■ 54.5848, 37.1019,
63.9599

■ 88.9795, 96.9984,
102.8406

■ 51.1889, 31.5955,
58.8657

■ 90.0326, 97.4196,
108.3861

■ 48.5048, 27.4579,
54.1768

■ 90.0860, 97.4410,
108.6677

■ 46.4687, 24.5625,
49.8698

■ 45.0052, 22.7593,
45.9175

■ 43.9945, 21.8093,
42.2778

■ 43.9488, 21.7701,
42.1017

Harmonies

Analogous

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



65.8247, 62.8858, 95.6955



69.5710, 62.8858, 81.8702



70.6322, 62.8858, 66.0902

Triad

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



69.5710, 62.8858, 81.8702



58.9335, 62.8858, 43.0855



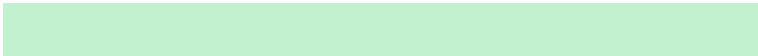
51.6977, 62.8858, 86.6631

Complementary

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



69.5710, 62.8858, 81.8702



64.9684, 78.8867, 70.8375

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.



50.0847, 62.8858, 70.9103



69.5710, 62.8858, 81.8702



54.1005, 62.8858, 46.9732

Square

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



69.5710, 62.8858, 81.8702



64.2826, 62.8858, 45.1235



50.9375, 62.8858, 56.6215



55.4757, 62.8858, 98.7397

Rectangle

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



69.5710, 62.8858, 81.8702



69.6235, 62.8858, 56.8788



50.9375, 62.8858, 56.6215



50.8949, 62.8858, 81.5422

Sweetspot

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



69.5729, 62.8886, 81.8715



89.6878, 90.3541, 103.7879



60.7736, 58.1359, 91.2383



19.0771, 19.1247, 22.0984



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.



69.5729, 62.8886, 81.8715



76.6059, 67.1167, 90.4054



66.5851, 61.6935, 66.1380



16.2569, 15.9525, 18.9088



23.8922, 11.8293, 23.1465



2.0295, 1.0008, 2.1460

Inverse Universe

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



69.5729, 62.8886, 81.8715



76.6059, 67.1167, 90.4054



67.9932, 80.0966, 86.7657



16.2569, 15.9525, 18.9088



23.8922, 11.8293, 23.1465



2.0295, 1.0008, 2.1460

Previews

White Background



This preview shows how the XYZ color 69.5710, 62.8858, 81.8702 looks on a white background.

Color Contrast Check

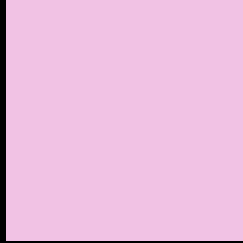
Large Text (above 18pt) WCAG AA × Fail

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 69.5710, 62.8858, 81.8702 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 69.5710, 62.8858, 81.8702

Background



This preview shows how black text looks on a background with the XYZ color 69.5710, 62.8858, 81.8702.



This preview shows how white text looks on a background with the XYZ color 69.5710, 62.8858,

81.8702.

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

69.5710, 62.8858, 81.8702

Protanopia

61.8402, 62.8953, 88.2375

Deuteranopia

64.3632, 62.9477, 80.7093



Tritanopia

67.4465, 63.0367, 70.8998

Trichromacy



Original Color

69.5710, 62.8858, 81.8702

Protanomaly

64.4438, 62.8760, 85.8305

Deuteranomaly

66.2835, 62.8869, 81.3179

Tritanomaly

68.3300, 63.0671, 74.9014

Monochromacy



Original Color

69.5710, 62.8858, 81.8702

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9176, 64.4126, 75.3410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5710, 62.8858, 81.8702 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, 194, 228)` looks like.

```
.text, #text, p{  
    color:rgb(241, 194, 228)  
}
```

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, 194, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 194, 228) }
```

Border

The CSS property to change the border of an element to XYZ 69.5710, 62.8858, 81.8702 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, 194, 228) }
```


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

```
.border{ border-color:rgb(241, 194, 228) }
```

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

Here you see how a box with a 4 pixel rgb(241, 194, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 194, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 194, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 194,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5710, 62.8858, 81.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 194, 228) }
```

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

```
.background{ background-color: rgb(241,  
194, 228) }
```

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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