

Converting Colors

XYZ(70.8571, 55.4217, 90.0265)

Have a look what the booklet for
XYZ(70.8571, 55.4217, 90.0265)
contains.

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Color

**XYZ(70.7529, 55.4270,
90.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA8F1
RGB	254, 168, 241
RGB Percent	100%, 66%, 95%
CMY	0.0039, 0.3412, 0.0549
CMYK	0.00, 0.34, 0.05, 0.00
HSL	309°, 98%, 83%
HSV	309°, 34%, 100%
XYZ	70.7529, 55.4270, 90.1885
YIQ	202.0360, 27.8230, 40.9350

Conversions

Conversions Part 2

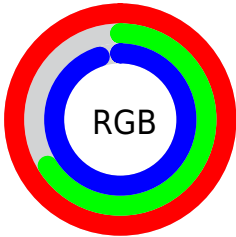
Format	Color
RYB	254, 168, 241
Decimal	16689393
CIELab	79.29, 42.43, -23.54
CIElCh	79, 48.522, 330.977
Yxy	55.4270, 0.3270, 0.2562
Android (android.graphics.Color)	4294879473 (0xFFFEA8F1)
YUV	202.0360, 19.2093, 45.5724
Hunter-Lab	74.4493, 39.3512, -19.7099

Details

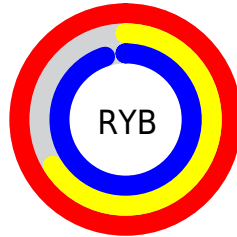
The XYZ color **70.7529, 55.4270, 90.1885** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.9331, 82.5465, 56.4937**, and the grayscale version is **56.0349, 58.9530, 64.1999**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **37.5392, 27.2732, 49.1847** is the 20% darker color. If you saturate the color by 10%, you get **65.9466, 46.7217, 85.7867**, and if you desaturate by 10%, it is **76.4906, 65.9737, 94.9616**.

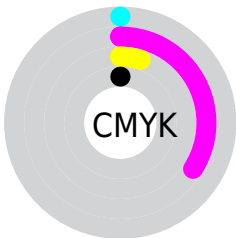
Distribution



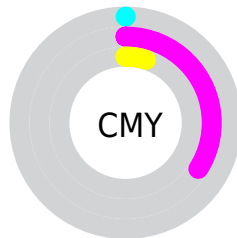
- Red (100%)
- Green (66%)
- Blue (95%)



- Red (100%)
- Yellow (66%)
- Blue (95%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7529, 55.4270, 90.1885 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 70.7529, 55.4270, 90.1885 by changing the saturation by 10% instead.

 70.7529, 55.4270,
90.1885


 70.7529, 55.4270,
90.1885


452.4145,
407.5285, 549.2298

 52.4224, 39.7437,
67.5624


 119.3022, 98.1663,
149.5380

 37.5675, 27.3388,
49.0773


 150.2518,
125.9911, 187.0985

 25.8229, 17.8278,
34.3148


186.1384,
158.6318, 230.4742

 16.8232, 10.8264,
22.8562

227.3274,
196.4729, 280.0836

 10.2030, 5.9502,
14.2831

274.1841,
239.8987, 336.3454

 5.5971, 2.8148,
8.1768

327.0740,

 2.6400, 1.0358,

289.2936, 399.6780

4.1189

386.3623,
345.0421, 470.4999

■ 0.9664, 0.0000,
1.6908

■ 0.0000, 0.0000,
0.3544

■ 70.7529, 55.4270,
90.1885

■ 70.7529, 55.4270,
90.1885

■ 65.9466, 46.7217,
85.7867

■ 76.4906, 65.9737,
94.9616

■ 62.0128, 39.7432,
81.7344

■ 83.2037, 78.4527,
100.1193

■ 58.8941, 34.3758,
78.0127

■ 90.9397, 92.9581,
105.6783

■ 56.5239, 30.4864,
74.5992

94.6836, 99.8111,
108.8829

■ 54.8249, 27.9206,
71.4675

■ 53.7029, 26.4900,
68.5860

■ 53.2169, 26.0084,
66.9120

Harmonies

Analogous

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



62.8878, 55.4270, 118.7861



70.7529, 55.4270, 90.1885



73.6421, 55.4270, 59.4434

Triad

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



70.7529, 55.4270, 90.1885



52.3640, 55.4270, 21.1198



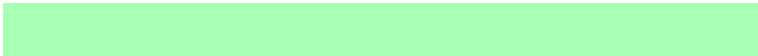
38.2402, 55.4270, 92.2684

Complementary

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



70.7529, 55.4270, 90.1885



59.9331, 82.5465, 56.4937

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.



36.1315, 55.4270, 61.2669



70.7529, 55.4270, 90.1885



43.6443, 55.4270, 25.1337

Square

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



70.7529, 55.4270, 90.1885



62.2694, 55.4270, 24.6287



37.9837, 55.4270, 37.9474



44.1324, 55.4270, 120.2237

Rectangle

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



70.7529, 55.4270, 90.1885



72.1092, 55.4270, 43.1604



37.9837, 55.4270, 37.9474



37.1003, 55.4270, 81.5888

Sweetspot

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



70.7546, 55.4295, 90.1897



86.8333, 84.5499, 103.1298



50.9272, 44.9756, 99.7641



18.3570, 17.6685, 21.9076



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.



70.7546, 55.4295, 90.1897



67.8271, 49.4601, 87.7840



65.0824, 53.1606, 60.3200



18.6677, 18.2504, 22.1331



28.1004, 13.7295, 35.5090



2.7666, 1.3490, 3.6185

Inverse Universe

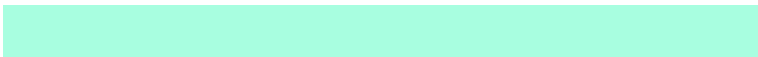
The Inverse Universe completely reimagines the original color for something new.



70.7546, 55.4295, 90.1897



67.8271, 49.4601, 87.7840



65.0334, 84.5866, 83.3513



18.6677, 18.2504, 22.1331



28.1004, 13.7295, 35.5090



2.7666, 1.3490, 3.6185

Previews

White Background



This preview shows how the XYZ color 70.7529, 55.4270, 90.1885 looks on a white background.

Color Contrast Check

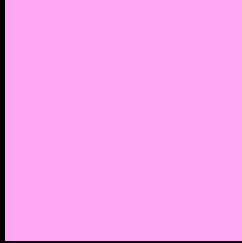
Large Text (above 18pt) WCAG AA × Fail

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 70.7529, 55.4270, 90.1885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

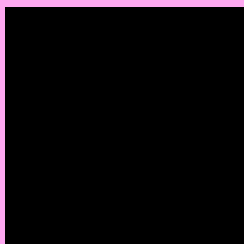
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7529, 55.4270, 90.1885

Background



This preview shows how black text looks on a background with the XYZ color 70.7529, 55.4270, 90.1885.



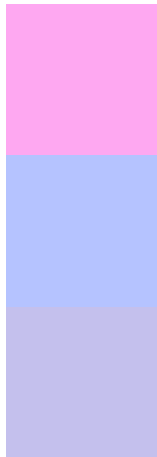
This preview shows how white text looks on a background with the XYZ color 70.7529, 55.4270,

90.1885.

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

70.7529, 55.4270, 90.1885

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

56.9006, 55.5495, 87.8439



Tritanopia

64.0358, 55.5588, 56.6391

Trichromacy



Original Color

70.7529, 55.4270, 90.1885



Protanomaly

60.6167, 55.0099, 97.8656



Deuteranomaly

60.9814, 54.7917, 88.2507



Tritanomaly

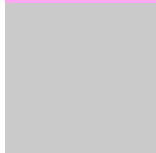
66.0690, 55.1995, 67.4940

Monochromacy



Original Color

70.7529, 55.4270, 90.1885



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

60.6269, 57.1569, 72.8028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7529, 55.4270, 90.1885 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(254, 168, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 241)  
}
```

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(254, 168, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 241) }
```

Border

The CSS property to change the border of an element to XYZ 70.7529, 55.4270, 90.1885 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(254, 168, 241) }
```


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

```
.border{ border-color:rgb(254, 168, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7529, 55.4270, 90.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 241) }
```

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

```
.background{ background-color: rgb(254,  
168, 241) }
```

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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