

Converting Colors

XYZ(69.6353, 56.9116, 85.5649)

Have a look what the booklet for
XYZ(69.6353, 56.9116, 85.5649)
contains.

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Color

**XYZ(69.7497, 56.9821,
85.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAFEB
RGB	250, 175, 235
RGB Percent	98%, 69%, 92%
CMY	0.0196, 0.3137, 0.0784
CMYK	0.00, 0.30, 0.06, 0.02
HSL	312°, 88%, 83%
HSV	312°, 30%, 98%
XYZ	69.7497, 56.9821, 85.9197
YIQ	204.2650, 25.4400, 34.5600

Conversions

Conversions Part 2

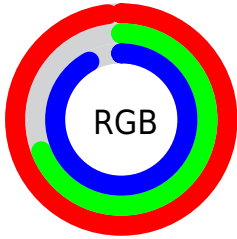
Format	Color
R _Y B	250, 175, 235
Decimal	16429035
CIE Lab	80.17, 36.47, -19.01
CIE LCh	80, 41.126, 332.473
Yxy	56.9821, 0.3280, 0.2680
Android (android.graphics.Color)	4294619115 (0xFFFAAFEB)
YUV	204.2650, 15.1524, 40.1096
Hunter-Lab	75.4865, 32.8331, -14.6441

Details

The XYZ color **69.7497, 56.9821, 85.9197** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.1614, 81.2046, 61.1691**, and the grayscale version is **57.4595, 60.4518, 65.8320**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **36.9664, 28.2669, 46.1555** is the 20% darker color. If you saturate the color by 10%, you get **64.6151, 47.8519, 80.6942**, and if you desaturate by 10%, it is **75.8088, 67.9269, 91.5548**.

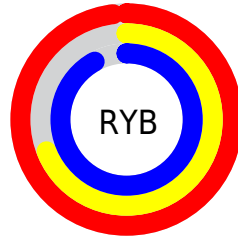
Distribution



Red (98%)

Green (69%)

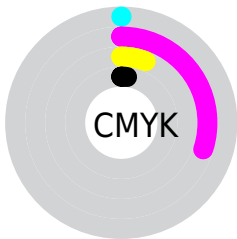
Blue (92%)



Red (98%)

Yellow (69%)

Blue (92%)

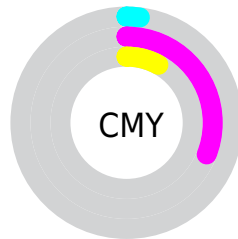


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7497, 56.9821, 85.9197 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 69.7497, 56.9821, 85.9197 by changing the saturation by 10% instead.

69.7497, 56.9821,
85.9197

69.7497, 56.9821,
85.9197

448.9508,
413.3822, 534.8901

51.6014, 40.9909,
64.0471

117.8800,
100.4391, 143.5430

36.9104, 28.3119,
46.2424

148.5926,
128.6736, 180.1307

25.3115, 18.5609,
32.0871

184.2240,
161.7580, 222.4605

16.4392, 11.3535,
21.1626

225.1396,
200.0767, 270.9510

9.9283, 6.3051,
13.0505

271.7048,
244.0141, 326.0206

5.4134, 3.0315,
7.3322

324.2848,

2.5290, 1.1482,

293.9545, 388.0880

3.5891

383.2450,
350.2825, 457.5717

■ 0.9099, 0.0188,
1.4028

■ 0.0000, 0.0000,
0.1439

■ 69.7497, 56.9821,
85.9197

■ 69.7497, 56.9821,
85.9197

■ 64.6151, 47.8519,
80.6942

■ 75.8088, 67.9269,
91.5548

■ 60.3498, 40.4291,
75.8572

■ 82.8334, 80.7706,
97.6122

■ 56.9007, 34.6069,
71.3909

■ 90.8680, 95.6015,
104.1080

■ 54.2069, 30.2634,
67.2740

■ 93.2348, 99.0642,
108.8150

■ 52.1984, 27.2590,
63.4825

■ 50.7918, 25.4274,
59.9877

■ 49.8500, 24.4944,
56.7430

■ 49.8498, 24.4942,
56.7424

Harmonies

Analogous

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



63.2840, 56.9821, 109.7107



69.7497, 56.9821, 85.9197



71.9140, 56.9821, 60.0727

Triad

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



69.7497, 56.9821, 85.9197



53.4671, 56.9821, 26.4054



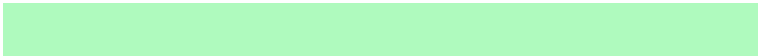
41.6667, 56.9821, 90.2787

Complementary

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



69.7497, 56.9821, 85.9197



61.1614, 81.2046, 61.1691

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.



39.5982, 56.9821, 64.0575



69.7497, 56.9821, 85.9197



45.9576, 56.9821, 30.6770

Square

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



69.7497, 56.9821, 85.9197



61.9567, 56.9821, 29.4480



41.0853, 56.9821, 43.0596



47.0460, 56.9821, 112.6499

Rectangle

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



69.7497, 56.9821, 85.9197



70.4631, 56.9821, 46.0166



41.0853, 56.9821, 43.0596



40.5877, 56.9821, 81.4174

Sweetspot

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



69.7514, 56.9846, 85.9209



87.4303, 85.9292, 102.7576



53.8230, 48.5122, 96.9705



18.4675, 17.9399, 21.7894



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.



69.7514, 56.9846, 85.9209



69.6060, 53.6188, 86.5251



64.8919, 55.0408, 60.3306



17.8355, 17.4616, 20.9895



26.4944, 13.0135, 30.3754



2.4903, 1.2199, 3.0054

Inverse Universe

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



69.7514, 56.9846, 85.9209



69.6060, 53.6188, 86.5251



65.8011, 83.0605, 85.6015



17.8355, 17.4616, 20.9895



26.4944, 13.0135, 30.3754



2.4903, 1.2199, 3.0054

Previews

White Background



This preview shows how the XYZ color 69.7497, 56.9821, 85.9197 looks on a white background.

Color Contrast Check

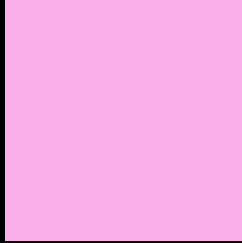
Large Text (above 18pt) WCAG AA × Fail

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 69.7497, 56.9821, 85.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

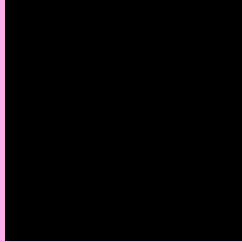
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7497, 56.9821, 85.9197

Background



This preview shows how black text looks on a background with the XYZ color 69.7497, 56.9821, 85.9197.



This preview shows how white text looks on a background with the XYZ color 69.7497, 56.9821,

85.9197.

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

69.7497, 56.9821, 85.9197

Protanopia

57.4713, 57.2737, 98.4684

Deuteranopia

58.3442, 57.0496, 83.5379



Tritanopia

64.3479, 56.8539, 59.8069

Trichromacy



Original Color

69.7497, 56.9821, 85.9197



Protanomaly

60.9735, 56.5431, 94.0865



Deuteranomaly

61.8510, 56.5825, 84.0055



Tritanomaly

66.1107, 56.6675, 68.4263

Monochromacy



Original Color

69.7497, 56.9821, 85.9197



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.1545, 58.4184, 72.3427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7497, 56.9821, 85.9197 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(250, 175, 235)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 235)  
}
```

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(250, 175, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 235) }
```

Border

The CSS property to change the border of an element to XYZ 69.7497, 56.9821, 85.9197 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(250, 175, 235) }
```


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

```
.border{ border-color:rgb(250, 175, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7497, 56.9821, 85.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 235) }
```

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

```
.background{ background-color: rgb(250,  
175, 235) }
```

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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