

Converting Colors

XYZ(69.2069, 56.7182, 94.4792)

Have a look what the booklet for
XYZ(69.2069, 56.7182, 94.4792)
contains.

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Color

**XYZ(69.1220, 56.7592,
94.5013)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B0F6
RGB	243, 176, 246
RGB Percent	95%, 69%, 96%
CMY	0.0471, 0.3098, 0.0353
CMYK	0.01, 0.28, 0.00, 0.04
HSL	297°, 80%, 83%
HSV	297°, 28%, 96%
XYZ	69.1220, 56.7592, 94.5013
YIQ	204.0130, 17.4620, 35.9740

Conversions

Conversions Part 2

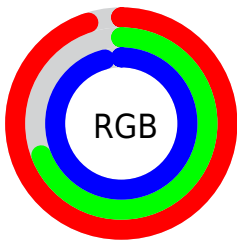
Format	Color
R_{YB}	243, 176, 246
Decimal	15970550
CIE _{Lab}	80.04, 35.66, -25.18
CIE _{LCh}	80, 43.651, 324.767
Yxy	56.7592, 0.3136, 0.2575
Android (android.graphics.Color)	4294160630 (0xFFFF3B0F6)
YUV	204.0130, 20.6996, 34.1916
Hunter-Lab	75.3387, 31.9280, -21.6335

Details

The XYZ color **69.1220, 56.7592, 94.5013** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.3847, 78.6313, 53.1246**, and the grayscale version is **57.2699, 60.2524, 65.6149**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **36.6269, 28.3227, 52.2516** is the 20% darker color. If you saturate the color by 10%, you get **64.3665, 47.7857, 93.0207**, and if you desaturate by 10%, it is **74.7571, 67.4866, 96.2757**.

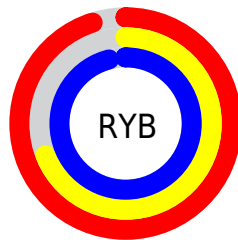
Distribution



Red (95%)

Green (69%)

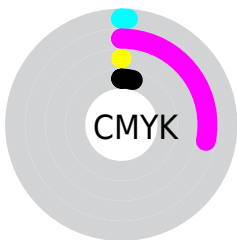
Blue (96%)



Red (95%)

Yellow (69%)

Blue (96%)

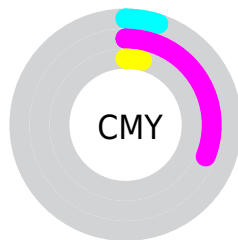


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (5%)


Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1220, 56.7592, 94.5013 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 69.1220, 56.7592, 94.5013 by changing the saturation by 10% instead.


 69.1220, 56.7592,
94.5013

 69.1220, 56.7592,
94.5013


446.7758,
412.5464, 563.5107

 51.0881, 40.8119,
71.1254


 116.9889,
100.1137, 155.5651

 36.5000, 28.1722,
51.9621


147.5526,
128.2898, 194.0901

 24.9925, 18.4555,
36.5928


183.0237,
161.3110, 238.5018

 16.2002, 11.2775,
24.5991

223.7673,
199.5616, 289.2188

 9.7577, 6.2538,
15.5623

270.1490,
243.4260, 346.6597

 5.2996, 3.0000,
9.0640

322.5341,

 2.4607, 1.1317,

293.2887, 411.2429

4.6856

381.2879,
349.5340, 483.3871

■ 0.8755, 0.0049,
2.0085

■ 0.0000, 0.0000,
0.5605

■ 69.1220, 56.7592,
94.5013

■ 69.1220, 56.7592,
94.5013

■ 64.3665, 47.7857,
93.0207

■ 74.7571, 67.4866,
96.2757

■ 60.4381, 40.4643,
91.8146

■ 81.3101, 80.0479,
98.3549

■ 57.2868, 34.6941,
90.8669

■ 88.8237, 94.5270,
100.7537

■ 54.8551, 30.3600,
90.1585

■ 90.8295, 97.9878,
101.3159

53.0775, 27.3311,
89.6676

91.2028, 98.1802,
101.3334

51.8767, 25.4526,
89.3683

91.5782, 98.3737,
101.3510

51.1427, 24.5047,
89.2240

91.9557, 98.5683,
101.3686

51.0474, 24.3943,
89.2077

92.3353, 98.7640,
101.3864

92.7171, 98.9608,
101.4043

Harmonies

Analogous

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



61.4175, 56.7592, 117.6488



69.1220, 56.7592, 94.5013



72.7889, 56.7592, 66.3665

Triad

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



69.1220, 56.7592, 94.5013



55.5193, 56.7592, 24.7896



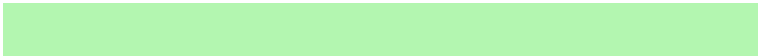
39.8887, 56.7592, 84.6201

Complementary

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



69.1220, 56.7592, 94.5013



59.3847, 78.6313, 53.1246

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.



38.6758, 56.7592, 57.4500



69.1220, 56.7592, 94.5013



47.1099, 56.7592, 27.1979

Square

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



69.1220, 56.7592, 94.5013



64.4038, 56.7592, 29.8593



41.1749, 56.7592, 37.6764



44.6897, 56.7592, 110.9341

Rectangle

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



69.1220, 56.7592, 94.5013



72.1891, 56.7592, 50.1620



41.1749, 56.7592, 37.6764



39.0717, 56.7592, 75.1143

Sweetspot

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



69.1238, 56.7617, 94.5025



87.7998, 86.0353, 106.5867



50.7620, 48.3278, 93.8424



18.5591, 17.9662, 22.7396



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.



69.1238, 56.7617, 94.5025



71.9943, 55.8983, 101.6027



65.7348, 55.5267, 71.2088



17.1393, 16.7300, 20.8684



27.2786, 13.0370, 47.6167



2.4189, 1.1568, 4.1860

Inverse Universe

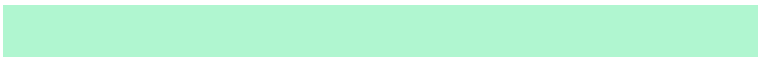
The Inverse Universe completely reimagines the original color for something new.



61.6700, 53.9007, 49.8041



62.7460, 52.3553, 45.8360



62.1860, 79.6726, 71.4556



16.5279, 16.4940, 17.2606



20.3299, 10.4754, 1.1795



1.7967, 0.9247, 0.1560

Previews

White Background



This preview shows how the XYZ color 69.1220, 56.7592, 94.5013 looks on a white background.

Color Contrast Check

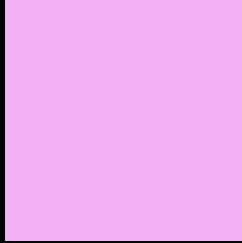
Large Text (above 18pt) WCAG AA × Fail

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 69.1220, 56.7592, 94.5013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

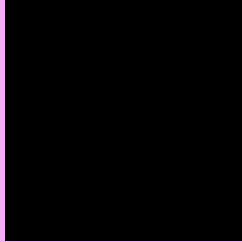
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1220, 56.7592, 94.5013

Background



This preview shows how black text looks on a background with the XYZ color 69.1220, 56.7592, 94.5013.



This preview shows how white text looks on a background with the XYZ color 69.1220, 56.7592,

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

69.1220, 56.7592, 94.5013

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.3071, 57.1768, 91.9675



Tritanopia

62.5828, 56.8260, 61.7029

Trichromacy



Original Color

69.1220, 56.7592, 94.5013



Protanomaly

60.9451, 56.4026, 99.7701



Deuteranomaly

61.6015, 56.5836, 92.4690



Tritanomaly

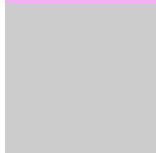
64.7192, 56.7645, 72.5113

Monochromacy



Original Color

69.1220, 56.7592, 94.5013



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

60.9914, 58.6035, 75.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1220, 56.7592, 94.5013 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(243, 176, 246)` looks like.

```
.text, #text, p{  
    color:rgb(243, 176, 246)  
}
```

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(243, 176, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 176, 246) }
```

Border

The CSS property to change the border of an element to XYZ 69.1220, 56.7592, 94.5013 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(243, 176, 246) }
```


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

```
.border{ border-color:rgb(243, 176, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 176, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 176, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 176, 246);  
box-shadow:4px 4px 4px 4px rgb(243, 176,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1220, 56.7592, 94.5013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 176, 246) }
```

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

```
.background{ background-color: rgb(243,  
176, 246) }
```

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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