

Converting Colors

XYZ(70.8051, 56.7213, 96.3523)

Have a look what the booklet for XYZ(70.8051, 56.7213, 96.3523) contains.

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Color

**XYZ(70.5982, 56.6209,
96.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ADF8
RGB	248, 173, 248
RGB Percent	97%, 68%, 97%
CMY	0.0274, 0.3215, 0.0274
CMYK	0.00, 0.30, 0.00, 0.03
HSL	300°, 84%, 83%
HSV	300°, 30%, 97%
XYZ	70.5982, 56.6209, 96.0149
YIQ	203.9750, 20.6250, 39.2250

Conversions

Conversions Part 2

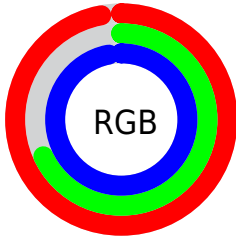
Format	Color
R _Y B	248, 173, 248
Decimal	16297464
CIE Lab	79.97, 39.17, -26.33
CIE LCh	80, 47.197, 326.091
Yxy	56.6209, 0.3163, 0.2536
Android (android.graphics.Color)	4294487544 (0xFFF8ADF8)
YUV	203.9750, 21.7043, 38.6099
Hunter-Lab	75.2469, 35.7905, -22.9812

Details

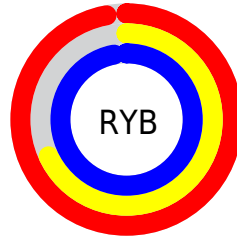
The XYZ color **70.5982, 56.6209, 96.0149** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.3461, 79.0380, 51.7190**, and the grayscale version is **57.2384, 60.2193, 65.5788**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **37.4867, 28.0316, 52.7251** is the 20% darker color. If you saturate the color by 10%, you get **66.2775, 47.9784, 94.5751**, and if you desaturate by 10%, it is **75.8051, 67.0335, 97.7513**.

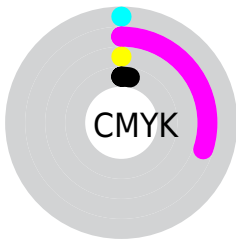
Distribution



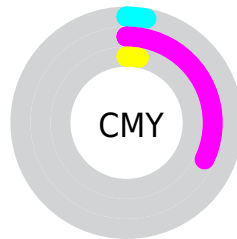
- Red (97%)
- Green (68%)
- Blue (97%)



- Red (97%)
- Yellow (68%)
- Blue (97%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5982, 56.6209, 96.0149 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 70.5982, 56.6209, 96.0149 by changing the saturation by 10% instead.


 70.5982, 56.6209,
96.0149

 70.5982, 56.6209,
96.0149


451.8813,
412.0272, 568.4761

 52.2957, 40.7010,
72.3784


 119.0831, 99.9118,
157.6736

 37.4661, 28.0855,
52.9791


149.9962,
128.0516, 196.5329

 25.7439, 18.3901,
37.3985


185.8435,
161.0334, 241.3036

 16.7638, 11.2304,
25.2180

226.9904,
199.2417, 292.4041

 10.1605, 6.2220,
16.0190

273.8023,
243.0608, 350.2531

 5.5686, 2.9806,
9.3831

326.6445,

 2.6227, 1.1216,

292.8752, 415.2691

4.8917

385.8824,
349.0692, 487.8706

■ 0.9575, 0.0000,
2.1262

■ 0.0000, 0.0000,
0.6313

■ 70.5982, 56.6209,
96.0149

■ 70.5982, 56.6209,
96.0149

■ 66.2775, 47.9784,
94.5751

■ 75.8051, 67.0335,
97.7513

■ 62.7886, 41.0008,
93.4121

■ 81.9379, 79.2991,
99.7957

■ 60.0798, 35.5831,
92.5090

■ 89.0405, 93.5043,
102.1633

■ 58.0910, 31.6056,
91.8459

■ 91.4155, 98.2541,
102.9551

56.7537, 28.9311,
91.4000

91.4155, 98.2542,
102.9553

55.9861, 27.3958,
91.1440

91.4155, 98.2542,
102.9554

55.6552, 26.7340,
91.0336

91.4155, 98.2542,
102.9555

91.4156, 98.2542,
102.9557

91.4156, 98.2542,
102.9558

Harmonies

Analogous

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



62.3314, 56.6209, 122.2067



70.5982, 56.6209, 96.0149



74.3665, 56.6209, 65.3177

Triad

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



70.5982, 56.6209, 96.0149



55.0821, 56.6209, 22.5740



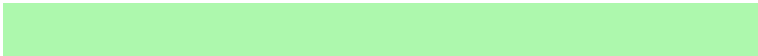
38.9097, 56.6209, 87.8855

Complementary

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



70.5982, 56.6209, 96.0149



58.3461, 79.0380, 51.7190

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.



37.4507, 56.6209, 58.1233



70.5982, 56.6209, 96.0149



46.1146, 56.6209, 25.3709

Square

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



70.5982, 56.6209, 96.0149



64.7614, 56.6209, 27.4133



39.9302, 56.6209, 36.6536



44.1799, 56.6209, 116.6185

Rectangle

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



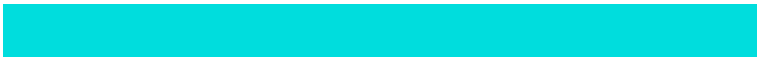
70.5982, 56.6209, 96.0149



73.5275, 56.6209, 48.1538



39.9302, 56.6209, 36.6536



37.9863, 56.6209, 77.4593

Sweetspot

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



70.6000, 56.6234, 96.0161



88.1607, 86.2214, 106.6034



49.1230, 45.5516, 95.0114



18.6488, 18.0124, 22.7438



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.



70.6000, 56.6234, 96.0161



72.4226, 54.7454, 101.3570



65.3523, 54.5243, 68.3820



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1757



2.7845, 1.3375, 4.5545

Inverse Universe

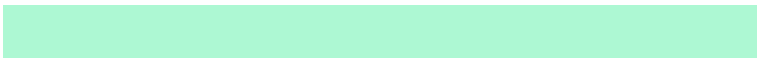
The Inverse Universe completely reimagines the original color for something new.



70.6000, 56.6234, 96.0161



72.4226, 54.7454, 101.3570



62.4984, 80.6989, 73.5846



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1757



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 70.5982, 56.6209, 96.0149 looks on a white background.

Color Contrast Check

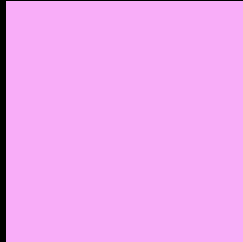
Large Text (above 18pt) WCAG AA × Fail

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 70.5982, 56.6209, 96.0149 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 70.5982, 56.6209, 96.0149

Background



This preview shows how black text looks on a background with the XYZ color 70.5982, 56.6209, 96.0149.



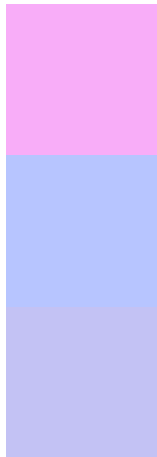
This preview shows how white text looks on a background with the XYZ color 70.5982, 56.6209,

96.0149.

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

70.5982, 56.6209, 96.0149

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.1266, 56.7173, 93.4719



Tritanopia

63.2872, 56.5990, 60.4124

Trichromacy



Original Color

70.5982, 56.6209, 96.0149



Protanomaly

61.2860, 56.2601, 99.7246



Deuteranomaly

61.7719, 56.0065, 93.9408



Tritanomaly

65.8230, 56.4312, 72.3888

Monochromacy



Original Color

70.5982, 56.6209, 96.0149



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.5034, 58.5229, 75.7646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5982, 56.6209, 96.0149 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(248, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(248, 173, 248)  
}
```

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(248, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 173, 248) }
```

Border

The CSS property to change the border of an element to XYZ 70.5982, 56.6209, 96.0149 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(248, 173, 248) }
```


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

```
.border{ border-color:rgb(248, 173, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 173, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 173, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 173, 248);  
box-shadow:4px 4px 4px 4px rgb(248, 173,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5982, 56.6209, 96.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 173, 248) }
```

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

```
.background{ background-color: rgb(248,  
173, 248) }
```

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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