

Converting Colors

XYZ(56.0387, 39.4437, 42.0498)

Have a look what the booklet for
XYZ(56.0387, 39.4437, 42.0498)
contains.

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Color

**XYZ(56.1206, 39.5629,
42.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80A9
RGB	255, 128, 169
RGB Percent	100%, 50%, 66%
CMY	0.0000, 0.4980, 0.3373
CMYK	0.00, 0.50, 0.34, 0.00
HSL	341°, 100%, 75%
HSV	341°, 50%, 100%
XYZ	56.1206, 39.5629, 42.2146
YIQ	170.6470, 62.5310, 39.6750

Conversions

Conversions Part 2

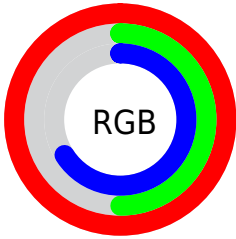
Format	Color
R_{YB}	255, 128, 169
Decimal	16744617
CIE _{Lab}	69.16, 52.41, 0.99
CIE _{LCh}	69, 52.420, 1.079
Yxy	39.5629, 0.4070, 0.2869
Android (android.graphics.Color)	4294934697 (0xFFFF80A9)
YUV	170.6470, -0.8120, 73.9776
Hunter-Lab	62.8990, 49.1902, 4.2369

Details

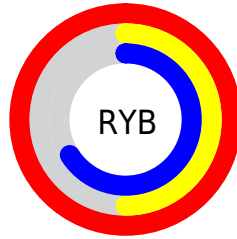
The XYZ color **56.1206, 39.5629, 42.2146** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.8016, 80.9651, 76.2568**, and the grayscale version is **38.5149, 40.5207, 44.1270**.

A 20% lighter version of the original color is **71.8350, 60.9228, 78.4942**, and **28.0991, 17.6515, 18.7557** is the 20% darker color. If you saturate the color by 10%, you get **51.6870, 33.1210, 33.2597**, and if you desaturate by 10%, it is **61.6061, 47.7656, 52.5773**.

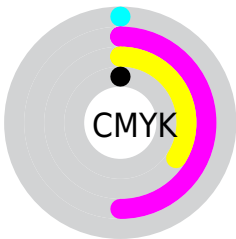
Distribution



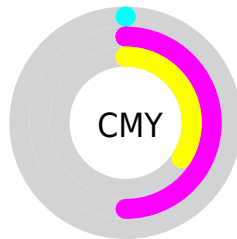
- Red (100%)
- Green (50%)
- Blue (66%)



- Red (100%)
- Yellow (50%)
- Blue (66%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1206, 39.5629, 42.2146 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 56.1206, 39.5629, 42.2146 by changing the saturation by 10% instead.


 56.1206, 39.5629,
42.2146

 56.1206, 39.5629,
42.2146


400.2135,
344.2778, 371.1976


 40.5370, 27.1979,
28.9425

 98.3197, 74.4975,
79.7979

 28.1436, 17.7219,
18.7922


 125.6659, 97.8358,
104.9462

 18.5749, 10.7505,
11.3449


 157.6636,
125.6007, 134.8904

 11.4657, 5.8993,
6.1822

194.6783,
158.1766, 170.0489

 6.4506, 2.7840,
2.8856

237.0753,
195.9479, 210.8404

 3.1642, 1.0200,
1.0365

285.2199,

 1.2412, 0.0000,

239.2989, 257.6833

0.0000

339.4775,
288.6141, 310.9962

■ 0.1385, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1206, 39.5629,
42.2146

■ 56.1206, 39.5629,
42.2146

■ 51.6870, 33.1210,
33.2597

■ 61.6061, 47.7656,
52.5773

■ 48.2299, 28.3030,
25.6452

■ 68.2053, 57.8406,
64.4061

■ 45.6685, 24.9612,
19.3008

■ 75.9790, 69.8975,
77.7585

■ 43.9063, 22.9178,
14.1474

■ 84.9825, 84.0352,
92.6881

■ 42.7937, 21.8903, 95.0500, 100.0000,
10.0843 108.9000

■ 42.7750, 21.8740,
10.0131

Harmonies

Analogous

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



53.5409, 39.5629, 69.4654



56.1206, 39.5629, 42.2146



53.1580, 39.5629, 23.3794

Triad

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



56.1206, 39.5629, 42.2146



29.8849, 39.5629, 14.4124



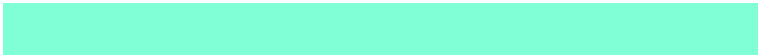
30.3378, 39.5629, 97.3978

Complementary

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



56.1206, 39.5629, 42.2146



56.8016, 80.9651, 76.2568

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.



25.4241, 39.5629, 71.5546



56.1206, 39.5629, 42.2146



25.1912, 39.5629, 24.3947

Square

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



56.1206, 39.5629, 42.2146



37.3009, 39.5629, 11.4537



23.6861, 39.5629, 43.9516



37.9074, 39.5629, 107.6357

Rectangle

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



56.1206, 39.5629, 42.2146



48.6602, 39.5629, 16.2282



23.6861, 39.5629, 43.9516



28.3627, 39.5629, 89.8688

Sweetspot

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



56.1216, 39.5649, 42.2153



80.1449, 76.4195, 84.7262



53.1148, 36.7570, 98.9031



16.7552, 15.7312, 17.4704



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.



56.1216, 39.5649, 42.2153



51.6089, 33.0098, 33.0953



55.9116, 44.3683, 26.0417



18.2510, 18.0837, 19.9391



22.4111, 11.4537, 5.5491



2.2296, 1.1342, 0.7906

Inverse Universe

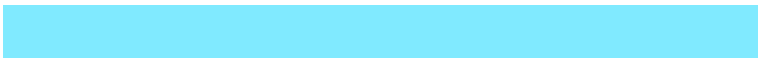
The Inverse Universe completely reimagines the original color for something new.



56.1216, 39.5649, 42.2153



51.6089, 33.0098, 33.0953



56.3289, 70.5612, 105.2586



18.2510, 18.0837, 19.9391



22.4111, 11.4537, 5.5491



2.2296, 1.1342, 0.7906

Previews

White Background



This preview shows how the XYZ color 56.1206, 39.5629, 42.2146 looks on a white background.

Color Contrast Check

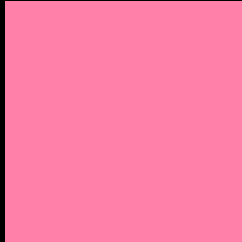
Large Text (above 18pt) WCAG AA × Fail

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 56.1206, 39.5629, 42.2146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

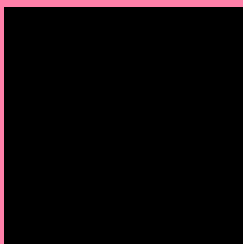
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1206, 39.5629, 42.2146

Background



This preview shows how black text looks on a background with the XYZ color 56.1206, 39.5629, 42.2146.



This preview shows how white text looks on a background with the XYZ color 56.1206, 39.5629,

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

56.1206, 39.5629, 42.2146

Protanopia

39.1453, 39.8549, 56.0817

Deuteranopia

40.6254, 39.8866, 40.2080



Tritanopia

53.7780, 39.6107, 30.4024

Trichromacy



Original Color

56.1206, 39.5629, 42.2146



Protanomaly

43.3317, 38.2489, 50.4464



Deuteranomaly

45.0095, 38.8469, 40.7232



Tritanomaly

54.6568, 39.5704, 34.4629

Monochromacy



Original Color

56.1206, 39.5629, 42.2146



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.3342, 38.9015, 43.2550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1206, 39.5629, 42.2146 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(255, 128, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 169)  
}
```

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(255, 128, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 169) }
```

Border

The CSS property to change the border of an element to XYZ 56.1206, 39.5629, 42.2146 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(255, 128, 169) }
```


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

```
.border{ border-color:rgb(255, 128, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1206, 39.5629, 42.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 169) }
```

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

```
.background{ background-color: rgb(255,  
128, 169) }
```

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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