

Converting Colors

XYZ(63.1221, 43.8537, 36.6717)

Have a look what the booklet for
XYZ(63.1221, 43.8537, 36.6717)
contains.

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Color

**XYZ(55.3570, 39.8929,
36.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF839C
RGB	255, 131, 156
RGB Percent	100%, 51%, 61%
CMY	0.0000, 0.4862, 0.3882
CMYK	0.00, 0.49, 0.39, 0.00
HSL	348°, 100%, 76%
HSV	348°, 49%, 100%
XYZ	55.3570, 39.8929, 36.2350
YIQ	170.9260, 65.8790, 34.0630

Conversions

Conversions Part 2

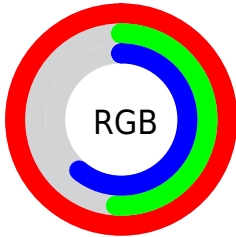
Format	Color
RYB	255, 131, 156
Decimal	16745372
CIELab	69.39, 49.48, 8.63
CIElCh	69, 50.229, 9.897
Yxy	39.8929, 0.4210, 0.3034
Android (android.graphics.Color)	4294935452 (0xFFFF839C)
YUV	170.9260, -7.3585, 73.7329
Hunter-Lab	63.1608, 45.9140, 10.1982

Details

The XYZ color **55.3570, 39.8929, 36.2350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4050, 82.0593, 87.5756**, and the grayscale version is **38.6854, 40.7000, 44.3223**.

A 20% lighter version of the original color is **70.6432, 61.4538, 69.1112**, and **27.7094, 17.9298, 15.3649** is the 20% darker color. If you saturate the color by 10%, you get **50.7618, 33.2342, 26.8985**, and if you desaturate by 10%, it is **61.0860, 48.3565, 47.3759**.

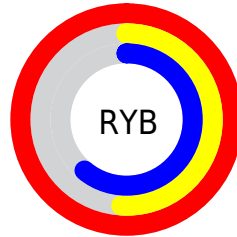
Distribution



Red (100%)

Green (51%)

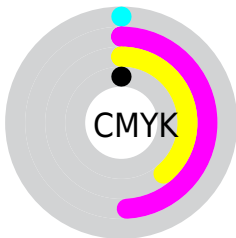
Blue (61%)



Red (100%)

Yellow (51%)

Blue (61%)

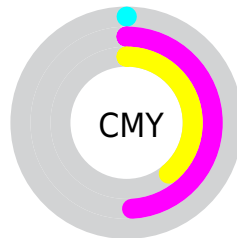


Cyan (0%)

Magenta (49%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3570, 39.8929, 36.2350 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 55.3570, 39.8929, 36.2350 by changing the saturation by 10% instead.


 55.3570, 39.8929,
36.2350


 55.3570, 39.8929,
36.2350


397.3782,
345.6720, 345.0549


 39.9226, 27.4550,
24.3246


 97.2091, 75.0004,
70.5678

 27.6621, 17.9153,
15.3602


 124.3575, 98.4388,
93.8272

 18.2103, 10.8892,
8.9231


 156.1413,
126.3129, 121.7067

 11.2017, 5.9924,
4.5949

192.9258,
159.0071, 154.6249

 6.2709, 2.8404,
1.9571

235.0764,
196.9056, 193.0003

 3.0527, 1.0490,
0.5287

282.9584,

 1.1817, 0.0000,

240.3930, 237.2514

0.0000

336.9372,
289.8537, 287.7968

■ 0.0919, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3570, 39.8929,
36.2350

■ 55.3570, 39.8929,
36.2350

■ 50.7618, 33.2342,
26.8985

■ 61.0860, 48.3565,
47.3759

■ 47.2198, 28.2427,
19.2673

■ 68.0155, 58.7374,
60.4084

■ 44.6448, 24.7706,
13.2359

■ 76.2108, 71.1459,
75.4165

■ 42.9345, 22.6411,
8.6855

■ 85.7315, 85.6822,
92.4784

■ 41.9486, 21.6043, 95.0499, 99.9999,
5.4740 108.9000

■ 41.8463, 21.5025,
5.1234

Harmonies

Analogous

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



54.4422, 39.8929, 60.5790



55.3570, 39.8929, 36.2350



51.1167, 39.8929, 20.7063

Triad

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



55.3570, 39.8929, 36.2350



28.8065, 39.8929, 17.4776



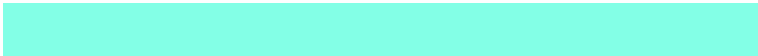
32.8278, 39.8929, 99.9886

Complementary

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



55.3570, 39.8929, 36.2350



59.4050, 82.0593, 87.5756

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.



27.2110, 39.8929, 78.6463



55.3570, 39.8929, 36.2350



25.1280, 39.8929, 29.8779

Square

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



55.3570, 39.8929, 36.2350



35.3111, 39.8929, 12.7113



24.5886, 39.8929, 51.5342



40.6480, 39.8929, 103.6000

Rectangle

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



55.3570, 39.8929, 36.2350



46.2478, 39.8929, 15.2107



24.5886, 39.8929, 51.5342



30.6520, 39.8929, 94.3656

Sweetspot

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



55.3581, 39.8949, 36.2357



79.5055, 76.1637, 81.3593



58.2050, 39.9707, 99.2549



16.6027, 15.6702, 16.6673



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.



55.3581, 39.8949, 36.2357



51.0172, 33.5999, 27.4306



58.9986, 50.2218, 28.0596



18.1591, 18.0469, 19.4548



21.9076, 11.2523, 2.8979



2.1698, 1.1103, 0.4757

Inverse Universe

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



55.3581, 39.8949, 36.2357



51.0172, 33.5999, 27.4306



52.9699, 63.1634, 104.0074



18.1591, 18.0469, 19.4548



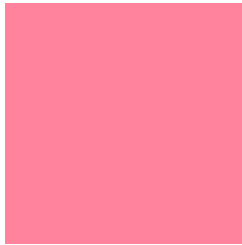
21.9076, 11.2523, 2.8979



2.1698, 1.1103, 0.4757

Previews

White Background



This preview shows how the XYZ color 55.3570, 39.8929, 36.2350 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 55.3570, 39.8929, 36.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

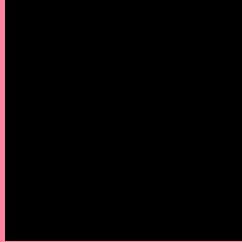
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3570, 39.8929, 36.2350

Background



This preview shows how black text looks on a background with the XYZ color 55.3570, 39.8929, 36.2350.



This preview shows how white text looks on a background with the XYZ color 55.3570, 39.8929,

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

55.3570, 39.8929, 36.2350

Protanopia

38.9184, 40.2082, 47.3047

Deuteranopia

40.8537, 40.1227, 34.8694



Tritanopia

54.2185, 39.8291, 30.8167

Trichromacy



Original Color

55.3570, 39.8929, 36.2350



Protanomaly

43.2399, 38.8638, 42.7586



Deuteranomaly

45.2969, 39.3553, 35.3459



Tritanomaly

54.4696, 39.7115, 32.8112

Monochromacy



Original Color

55.3570, 39.8929, 36.2350



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.1285, 39.0867, 41.3478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3570, 39.8929, 36.2350 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, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 156)  
}
```

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, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 156) }
```

Border

The CSS property to change the border of an element to XYZ 55.3570, 39.8929, 36.2350 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, 131, 156) }
```


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

```
.border{ border-color:rgb(255, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3570, 39.8929, 36.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 156) }
```

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

```
.background{ background-color: rgb(255,  
131, 156) }
```

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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