

Converting Colors

XYZ(55.4768, 39.7376, 37.4922)

Have a look what the booklet for
XYZ(55.4768, 39.7376, 37.4922)
contains.

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Color

**XYZ(55.4806, 39.7285,
37.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	FF829F
RGB	255, 130, 159
RGB Percent	100%, 51%, 62%
CMY	0.0000, 0.4902, 0.3765
CMYK	0.00, 0.49, 0.38, 0.00
HSL	346°, 100%, 75%
HSV	346°, 49%, 100%
XYZ	55.4806, 39.7285, 37.5451
YIQ	170.6810, 65.1910, 35.5190

Conversions

Conversions Part 2

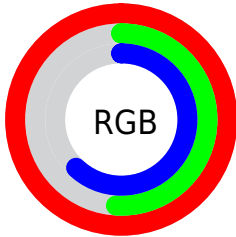
Format	Color
R _Y B	255, 130, 159
Decimal	16745119
CIE Lab	69.28, 50.30, 6.78
CIE LCh	69, 50.754, 7.677
Yxy	39.7285, 0.4179, 0.2993
Android (android.graphics.Color)	4294935199 (0xFFFF829F)
YUV	170.6810, -5.7587, 73.9478
Hunter-Lab	63.0305, 46.8154, 8.8044

Details

The XYZ color **55.4806, 39.7285, 37.5451** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.6954, 81.7576, 84.6435**, and the grayscale version is **38.5550, 40.5629, 44.1730**.

A 20% lighter version of the original color is **70.9365, 61.2329, 71.6987**, and **27.7969, 17.8537, 16.1684** is the 20% darker color. If you saturate the color by 10%, you get **50.9322, 33.1394, 28.2978**, and if you desaturate by 10%, it is **61.1408, 48.1100, 48.4922**.

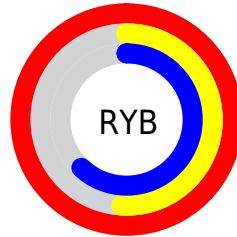
Distribution



Red (100%)

Green (51%)

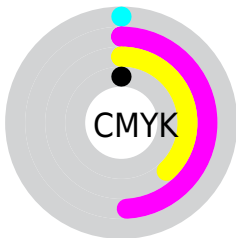
Blue (62%)



Red (100%)

Yellow (51%)

Blue (62%)

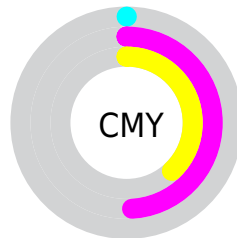


Cyan (0%)

Magenta (49%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4806, 39.7285, 37.5451 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 55.4806, 39.7285, 37.5451 by changing the saturation by 10% instead.


 55.4806, 39.7285,
37.5451


 55.4806, 39.7285,
37.5451


397.8380,
344.9779, 350.9040


 40.0220, 27.3269,
25.3307


 97.3890, 74.7499,
72.6060

 27.7400, 17.8189,
16.1024


 124.5695, 98.1385,
96.2897

 18.2692, 10.8200,
9.4415


 156.3880,
125.9583, 124.6335

 11.2443, 5.9460,
4.9295

193.2098,
158.5936, 158.0560

 6.2999, 2.8122,
2.1480

235.4004,
196.4288, 196.9758

 3.0707, 1.0345,
0.6441

283.3250,

 1.1912, 0.0000,

239.8483, 241.8113

0.0000

337.3491,
289.2366, 292.9812

■ 0.0994, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4806, 39.7285,
37.5451

■ 55.4806, 39.7285,
37.5451

■ 50.9322, 33.1394,
28.2978

■ 61.1408, 48.1100,
48.4922

■ 47.4164, 28.2050,
20.6605

■ 67.9781, 58.3960,
61.2182

■ 44.8485, 24.7776,
14.5378

■ 76.0566, 70.6966,
75.7995

■ 43.1279, 22.6798,
9.8226

■ 85.4346, 85.1119,
92.3075

■ 42.1115, 21.6521, 95.0499, 100.0000,
6.3854 108.9000

■ 42.0332, 21.5773,
6.1075

Harmonies

Analogous

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



54.1574, 39.7285, 62.6017



55.4806, 39.7285, 37.5451



51.5432, 39.7285, 21.2478

Triad

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



55.4806, 39.7285, 37.5451



28.9844, 39.7285, 16.6065



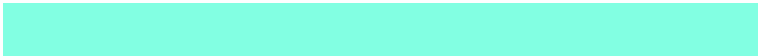
32.1256, 39.7285, 99.3393

Complementary

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



55.4806, 39.7285, 37.5451



58.6954, 81.7576, 84.6435

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.



26.6843, 39.7285, 76.8213



55.4806, 39.7285, 37.5451



25.0606, 39.7285, 28.3756

Square

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



55.4806, 39.7285, 37.5451



35.7095, 39.7285, 12.3177



24.2835, 39.7285, 49.5220



39.8890, 39.7285, 104.5736

Rectangle

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



55.4806, 39.7285, 37.5451



46.7571, 39.7285, 15.3708



24.2835, 39.7285, 49.5220



29.9993, 39.7285, 93.2301

Sweetspot

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



55.4817, 39.7305, 37.5458



79.6642, 76.2272, 82.1948



57.3459, 39.3294, 99.1764



16.6405, 15.6853, 16.8663



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.



55.4817, 39.7305, 37.5458



50.9389, 33.1489, 28.3118



58.4272, 49.1868, 27.5364



18.1820, 18.0561, 19.5754



22.0103, 11.2934, 3.4385



2.1828, 1.1155, 0.5443

Inverse Universe

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



55.4817, 39.7305, 37.5458



50.9389, 33.1489, 28.3118



53.2904, 64.0331, 104.1585



18.1820, 18.0561, 19.5754



22.0103, 11.2934, 3.4385



2.1828, 1.1155, 0.5443

Previews

White Background



This preview shows how the XYZ color 55.4806, 39.7285, 37.5451 looks on a white background.

Color Contrast Check

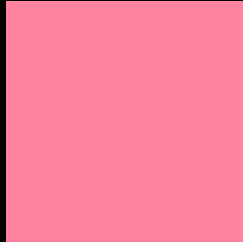
Large Text (above 18pt) WCAG AA × Fail

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 55.4806, 39.7285, 37.5451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

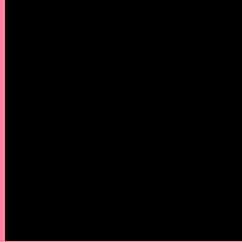
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4806, 39.7285, 37.5451

Background



This preview shows how black text looks on a background with the XYZ color 55.4806, 39.7285, 37.5451.



This preview shows how white text looks on a background with the XYZ color 55.4806, 39.7285,

37.5451.

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

55.4806, 39.7285, 37.5451

Protanopia

38.8906, 40.1471, 49.4155

Deuteranopia

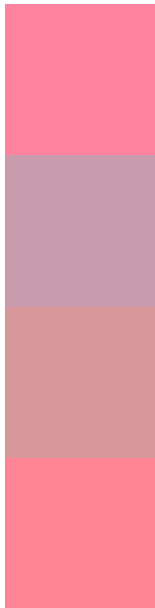
40.5852, 39.7008, 35.6609



Tritanopia

54.1431, 39.7989, 30.4195

Trichromacy



Original Color

55.4806, 39.7285, 37.5451

Protanomaly

43.0836, 38.7392, 44.7418

Deuteranomaly

45.0073, 38.9468, 36.1557

Tritanomaly

54.4696, 39.7115, 32.8112

Monochromacy



Original Color

55.4806, 39.7285, 37.5451

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

43.2206, 39.1235, 41.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4806, 39.7285, 37.5451 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, 130, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 159)  
}
```

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, 130, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 159) }
```

Border

The CSS property to change the border of an element to XYZ 55.4806, 39.7285, 37.5451 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, 130, 159) }
```


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

```
.border{ border-color:rgb(255, 130, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4806, 39.7285, 37.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 159) }
```

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

```
.background{ background-color: rgb(255,  
130, 159) }
```

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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