

Converting Colors

XYZ(54.2953, 39.7129, 36.7955)

Have a look what the booklet for
XYZ(54.2953, 39.7129, 36.7955)
contains.

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Color

**XYZ(54.2570, 39.7186,
36.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	FB859D
RGB	251, 133, 157
RGB Percent	98%, 52%, 62%
CMY	0.0157, 0.4784, 0.3843
CMYK	0.00, 0.47, 0.37, 0.02
HSL	348°, 94%, 75%
HSV	348°, 47%, 98%
XYZ	54.2570, 39.7186, 36.7051
YIQ	171.0180, 62.6240, 32.4800

Conversions

Conversions Part 2

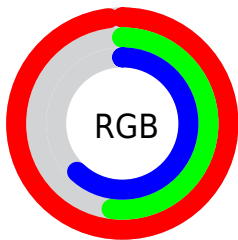
Format	Color
R_{YB}	251, 133, 157
Decimal	16483741
CIE _{Lab}	69.27, 47.23, 7.82
CIE _{LCh}	69, 47.878, 9.402
Yxy	39.7186, 0.4152, 0.3039
Android (android.graphics.Color)	4294673821 (0xFFFB859D)
YUV	171.0180, -6.9109, 70.1442
Hunter-Lab	63.0227, 43.3831, 9.5847

Details

The XYZ color **54.2570, 39.7186, 36.7051** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.0372, 79.5279, 84.9691**, and the grayscale version is **38.7304, 40.7474, 44.3740**.

A 20% lighter version of the original color is **70.9811, 61.9296, 69.8405**, and **26.9560, 17.8543, 15.6612** is the 20% darker color. If you saturate the color by 10%, you get **49.6522, 33.0211, 27.4255**, and if you desaturate by 10%, it is **59.9643, 48.1737, 47.7313**.

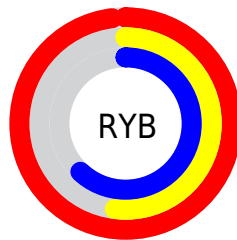
Distribution



Red (98%)

Green (52%)

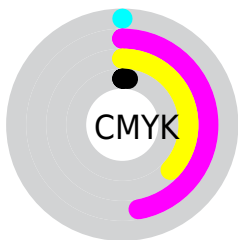
Blue (62%)



Red (98%)

Yellow (52%)

Blue (62%)

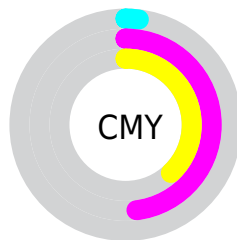


Cyan (0%)

Magenta (47%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2570, 39.7186, 36.7051 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 54.2570, 39.7186, 36.7051 by changing the saturation by 10% instead.

 54.2570, 39.7186,
36.7051


 54.2570, 39.7186,
36.7051

393.2717,
344.9361, 347.1622


 39.0387, 27.3192,
24.6853

 95.6062, 74.7348,
71.3002

 26.9707, 17.8131,
15.6258


 122.4677, 98.1204,
94.7126

 17.6877, 10.8159,
9.1083


 153.9410,
125.9369, 122.7596

 10.8243, 5.9432,
4.7141

190.3915,
158.5687, 155.8597

 6.0152, 2.8106,
2.0247

232.1844,
196.4000, 194.4314

 2.8951, 1.0336,
0.5704

279.6852,

 1.0985, 0.0000,

239.8155, 238.8934

0.0000

333.2591,
289.1994, 289.6641

■ 0.0239, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2570, 39.7186,
36.7051

■ 54.2570, 39.7186,
36.7051

■ 49.6522, 33.0211,
27.4255

■ 59.9643, 48.1737,
47.7313

■ 46.0736, 27.9508,
19.7991

■ 66.8371, 58.4926,
60.5865

■ 43.4403, 24.3692,
13.7266

■ 74.9374, 70.7801,
75.3503

■ 41.6568, 22.1113,
9.0967

■ 84.3218, 85.1314,
92.0968

■ 40.6042, 20.9678,
5.7808

■ 93.5937, 99.2492,
108.8318

■ 40.3821, 20.7486,
5.0132

Harmonies

Analogous

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



53.3138, 39.7186, 59.8794



54.2570, 39.7186, 36.7051



50.3373, 39.7186, 21.5891

Triad

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



54.2570, 39.7186, 36.7051



29.1396, 39.7186, 18.1250



32.7953, 39.7186, 96.0799

Complementary

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



54.2570, 39.7186, 36.7051



58.0372, 79.5279, 84.9691

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.



27.4604, 39.7186, 75.9929



54.2570, 39.7186, 36.7051



25.5568, 39.7186, 30.0203

Square

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



54.2570, 39.7186, 36.7051



35.3921, 39.7186, 13.5209



24.9868, 39.7186, 50.5229



40.2131, 39.7186, 99.7583

Rectangle

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



54.2570, 39.7186, 36.7051



45.7698, 39.7186, 16.1203



24.9868, 39.7186, 50.5229



30.7288, 39.7186, 90.7632

Sweetspot

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



54.2581, 39.7206, 36.7058



80.4543, 77.6015, 83.0929



56.9882, 39.8196, 95.9491



16.7902, 15.9534, 17.0127



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.



54.2581, 39.7206, 36.7058



51.8817, 34.8227, 29.2794



57.7339, 49.6350, 28.7305



17.3889, 17.2829, 18.6378



21.2678, 10.9228, 2.8527



2.0059, 1.0261, 0.4546

Inverse Universe

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



54.2581, 39.7206, 36.7058



51.8817, 34.8227, 29.2794



52.0463, 61.8716, 100.4661



17.3889, 17.2829, 18.6378



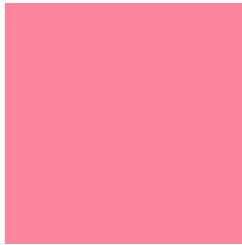
21.2678, 10.9228, 2.8527



2.0059, 1.0261, 0.4546

Previews

White Background



This preview shows how the XYZ color 54.2570, 39.7186, 36.7051 looks on a white background.

Color Contrast Check

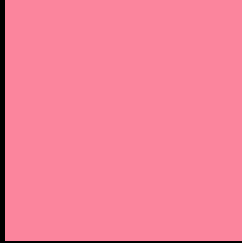
Large Text (above 18pt) WCAG AA × Fail

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 54.2570, 39.7186, 36.7051 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 54.2570, 39.7186, 36.7051

Background



This preview shows how black text looks on a background with the XYZ color 54.2570, 39.7186, 36.7051.



This preview shows how white text looks on a background with the XYZ color 54.2570, 39.7186,

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

54.2570, 39.7186, 36.7051

Protanopia

38.7013, 40.0963, 47.2946

Deuteranopia

40.5029, 39.6679, 35.2277



Tritanopia

53.1991, 39.6963, 31.6463

Trichromacy



Original Color

54.2570, 39.7186, 36.7051



Protanomaly

42.6974, 38.8213, 43.2731



Deuteranomaly

44.5015, 38.9357, 35.7417



Tritanomaly

53.3743, 39.5441, 33.2534

Monochromacy



Original Color

54.2570, 39.7186, 36.7051



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.7593, 39.1465, 41.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2570, 39.7186, 36.7051 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(251, 133, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 133, 157)  
}
```

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(251, 133, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 133, 157) }
```

Border

The CSS property to change the border of an element to XYZ 54.2570, 39.7186, 36.7051 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(251, 133, 157) }
```


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

```
.border{ border-color:rgb(251, 133, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 133, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 133, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 133, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 133,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2570, 39.7186, 36.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 133, 157) }
```

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

```
.background{ background-color: rgb(251,  
133, 157) }
```

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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