

Converting Colors

XYZ(53.6483, 38.2478, 39.2010)

Have a look what the booklet for
XYZ(53.6483, 38.2478, 39.2010)
contains.

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Color

**XYZ(53.6246, 38.1471,
39.1871)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7FA3
RGB	250, 127, 163
RGB Percent	98%, 50%, 64%
CMY	0.0196, 0.5019, 0.3608
CMYK	0.00, 0.49, 0.35, 0.02
HSL	342°, 92%, 74%
HSV	342°, 49%, 98%
XYZ	53.6246, 38.1471, 39.1871
YIQ	167.8810, 61.7520, 37.2720

Conversions

Conversions Part 2

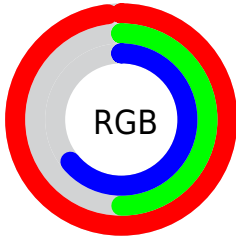
Format	Color
R_{YB}	250, 127, 163
Decimal	16416675
CIE _{Lab}	68.13, 50.53, 2.79
CIE _{LCh}	68, 50.606, 3.157
Yxy	38.1471, 0.4095, 0.2913
Android (android.graphics.Color)	4294606755 (0xFFFA7FA3)
YUV	167.8810, -2.4063, 72.0184
Hunter-Lab	61.7633, 46.8927, 5.6165

Details

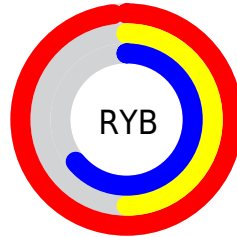
The XYZ color **53.6246, 38.1471, 39.1871** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.0776, 77.7393, 75.7251**, and the grayscale version is **37.1525, 39.0873, 42.5661**.

A 20% lighter version of the original color is **70.6228, 59.7779, 74.1457**, and **26.4870, 16.8599, 16.8972** is the 20% darker color. If you saturate the color by 10%, you get **49.3118, 31.8823, 30.4713**, and if you desaturate by 10%, it is **58.9620, 46.1061, 49.3383**.

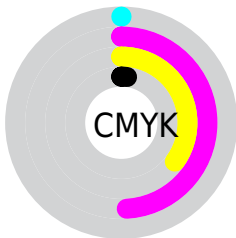
Distribution



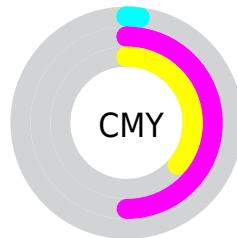
- Red (98%)
- Green (50%)
- Blue (64%)



- Red (98%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (49%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6246, 38.1471, 39.1871 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 53.6246, 38.1471, 39.1871 by changing the saturation by 10% instead.


 53.6246, 38.1471,
39.1871


 53.6246, 38.1471,
39.1871


390.8986,
338.2506, 358.1350


 38.5311, 26.0969,
26.5964


 94.6830, 72.3335,
75.1475

 26.5742, 16.8961,
17.0406


 121.3785, 95.2386,
99.3543

 17.3886, 10.1605,
10.1011


 152.6721,
122.5306, 128.2702

 10.6090, 5.5055,
5.3596

188.9292,
154.5941, 162.3137

 5.8699, 2.5468,
2.3974

230.5150,
191.8135, 201.9034

 2.8060, 0.9000,
0.7850

277.7949,

 1.0520, 0.0000,

234.5731, 247.4578

0.0000

331.1344,
283.2573, 299.3955

■ 0.0000, 0.0000,
0.0000

■ 53.6246, 38.1471,
39.1871

■ 53.6246, 38.1471,
39.1871

■ 49.3118, 31.8823,
30.4713

■ 58.9620, 46.1061,
49.3383

■ 45.9510, 27.1817,
23.1204

■ 65.3836, 55.8655,
60.9862

■ 43.4644, 23.9053,
17.0607

■ 72.9481, 67.5291,
74.1908

■ 41.7599, 21.8856,
12.2095

■ 81.7089, 81.1916,
89.0083

■ 40.7019, 20.8699,
8.4648

■ 91.7160, 96.9410,
105.4918

■ 40.6324, 20.8072,
8.2061

■ 93.2344, 99.0640,
108.8150

Harmonies

Analogous

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



51.5584, 38.1471, 64.4211



53.6246, 38.1471, 39.1871



50.5084, 38.1471, 22.0068

Triad

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



53.6246, 38.1471, 39.1871



28.5728, 38.1471, 14.7358



29.8261, 38.1471, 93.6533

Complementary

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



53.6246, 38.1471, 39.1871



55.0776, 77.7393, 75.7251

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.



24.9764, 38.1471, 70.1391



53.6246, 38.1471, 39.1871



24.3300, 38.1471, 24.8354

Square

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



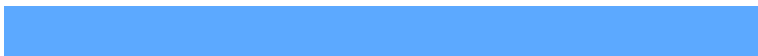
53.6246, 38.1471, 39.1871



35.4281, 38.1471, 11.4934



23.1148, 38.1471, 43.9763



37.1001, 38.1471, 101.8212

Rectangle

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



53.6246, 38.1471, 39.1871



46.1428, 38.1471, 15.5542



23.1148, 38.1471, 43.9763



27.8959, 38.1471, 86.9454

Sweetspot

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



53.6256, 38.1490, 39.1878



79.9842, 76.3552, 83.8803



52.3159, 36.2442, 94.6811



16.7168, 15.7158, 17.2683



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.



53.6256, 38.1490, 39.1878



51.6371, 33.4282, 31.9885



54.4200, 44.1853, 25.7415



17.4535, 17.3088, 18.9781



21.6069, 11.0585, 4.6381



2.0452, 1.0418, 0.6617

Inverse Universe

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



53.6256, 38.1490, 39.1878



51.6371, 33.4282, 31.9885



53.0427, 65.4825, 100.2864



17.4535, 17.3088, 18.9781



21.6069, 11.0585, 4.6381



2.0452, 1.0418, 0.6617

Previews

White Background



This preview shows how the XYZ color 53.6246, 38.1471, 39.1871 looks on a white background.

Color Contrast Check

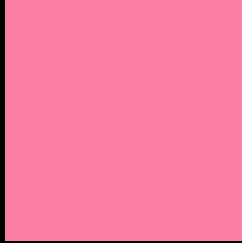
Large Text (above 18pt) WCAG AA × Fail

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 53.6246, 38.1471, 39.1871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

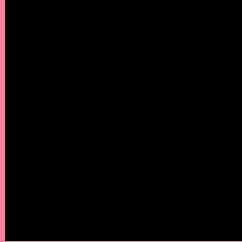
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6246, 38.1471, 39.1871

Background



This preview shows how black text looks on a background with the XYZ color 53.6246, 38.1471, 39.1871.



This preview shows how white text looks on a background with the XYZ color 53.6246, 38.1471,

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

53.6246, 38.1471, 39.1871

Protanopia

37.6279, 38.3480, 51.8731

Deuteranopia

39.0804, 38.3632, 37.2434



Tritanopia

51.6354, 38.1121, 29.8342

Trichromacy



Original Color

53.6246, 38.1471, 39.1871



Protanomaly

41.6082, 36.9497, 47.0585



Deuteranomaly

43.2999, 37.5534, 37.7673



Tritanomaly

52.4744, 38.2749, 33.0559

Monochromacy



Original Color

53.6246, 38.1471, 39.1871



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

41.5629, 37.5414, 41.1320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6246, 38.1471, 39.1871 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(250, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(250, 127, 163)  
}
```

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(250, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 127, 163) }
```

Border

The CSS property to change the border of an element to XYZ 53.6246, 38.1471, 39.1871 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(250, 127, 163) }
```


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

```
.border{ border-color:rgb(250, 127, 163) }
```

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

Here you see how a box with a 4 pixel rgb(250, 127, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 127, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 127, 163);  
box-shadow:4px 4px 4px 4px rgb(250, 127,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6246, 38.1471, 39.1871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 127, 163) }
```

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

```
.background{ background-color: rgb(250,  
127, 163) }
```

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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