

Converting Colors

XYZ(51.5073, 35.7803, 37.9098)

Have a look what the booklet for
XYZ(51.5073, 35.7803, 37.9098)
contains.

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Color

**XYZ(51.5073, 35.7803,
37.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	F778A1
RGB	247, 120, 161
RGB Percent	97%, 47%, 63%
CMY	0.0314, 0.5294, 0.3686
CMYK	0.00, 0.51, 0.35, 0.03
HSL	341°, 89%, 72%
HSV	341°, 51%, 97%
XYZ	51.5073, 35.7803, 37.9098
YIQ	162.6470, 62.5310, 39.6750

Conversions

Conversions Part 2

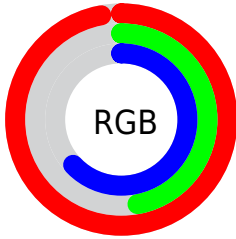
Format	Color
R_{YB}	247, 120, 161
Decimal	16218273
CIE _{Lab}	66.35, 52.68, 1.29
CIE _{LCh}	66, 52.695, 1.398
Yxy	35.7803, 0.4114, 0.2858
Android (android.graphics.Color)	4294408353 (0xFFFF778A1)
YUV	162.6470, -0.8120, 73.9776
Hunter-Lab	59.8166, 49.0248, 4.2956

Details

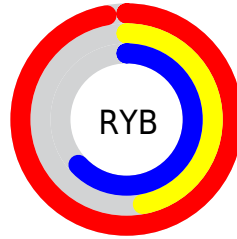
The XYZ color **51.5073, 35.7803, 37.9098** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.1489, 74.9718, 70.1192**, and the grayscale version is **34.6306, 36.4341, 39.6767**.

A 20% lighter version of the original color is **69.1600, 57.2685, 72.3746**, and **25.1983, 15.4712, 16.4100** is the 20% darker color. If you saturate the color by 10%, you get **47.5328, 30.0361, 29.7878**, and if you desaturate by 10%, it is **56.4471, 43.1391, 47.3278**.

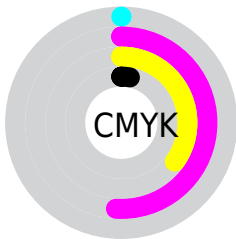
Distribution



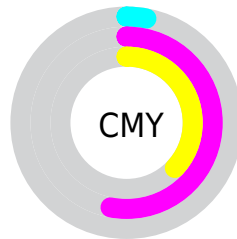
- Red (97%)
- Green (47%)
- Blue (63%)



- Red (97%)
- Yellow (47%)
- Blue (63%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5073, 35.7803, 37.9098 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 51.5073, 35.7803, 37.9098 by changing the saturation by 10% instead.


 51.5073, 35.7803,
37.9098


 51.5073, 35.7803,
37.9098


382.8868,
327.9993, 352.5195


 36.8352, 24.2646,
25.6114


 91.5827, 68.6928,
73.1718

 25.2530, 15.5300,
16.3100


 117.7168, 90.8584,
96.9724

 16.3954, 9.1922,
9.5871


 148.4022,
117.3427, 125.4442

 9.8970, 4.8668,
5.0240

184.0043,
148.5302, 159.0057

 5.3924, 2.1693,
2.2024

224.8884,
184.8052, 198.0754

 2.5164, 0.7032,
0.6757


271.4200,


 0.9035, 0.0000,


226.5521, 243.0719


0.0000

323.9643,
274.1553, 294.4138


 0.0000, 0.0000,
0.0000


 51.5073, 35.7803,
37.9098


 51.5073, 35.7803,
37.9098

 47.5328, 30.0361,
29.7878

 56.4471, 43.1391,
47.3278


 44.4527, 25.7775,
22.8988


 62.4104, 52.2174,
58.0965


 42.1906, 22.8647,
17.1768

 69.4541, 63.1178,
70.2695

 40.6544, 21.1280,
12.5471

 77.6300, 75.9331,
83.8969

 39.7959, 20.3494,
9.3680

 86.9862, 90.7498,
99.0260

92.1678, 98.5142,
108.7651

Harmonies

Analogous

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



49.1138, 35.7803, 63.6311



51.5073, 35.7803, 37.9098



48.6431, 35.7803, 20.4484

Triad

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



51.5073, 35.7803, 37.9098



26.7121, 35.7803, 12.4247



27.2607, 35.7803, 90.7975

Complementary

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



51.5073, 35.7803, 37.9098



52.1489, 74.9718, 70.1192

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.



22.6493, 35.7803, 66.2076



51.5073, 35.7803, 37.9098



22.3686, 35.7803, 21.6646

Square

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



51.5073, 35.7803, 37.9098



33.6399, 35.7803, 9.6945



21.0029, 35.7803, 40.0267



34.3790, 35.7803, 100.3993

Rectangle

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



51.5073, 35.7803, 37.9098



44.3597, 35.7803, 13.9417



21.0029, 35.7803, 40.0267



25.4069, 35.7803, 83.6390

Sweetspot

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



51.5083, 35.7821, 37.9105



80.1449, 76.4195, 84.7263



48.5916, 33.0822, 91.8203



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.



51.5083, 35.7821, 37.9105



50.8456, 31.9270, 31.4727



51.2988, 40.2312, 22.8333



16.7196, 16.5707, 18.2700



21.1041, 10.7851, 5.2568



1.8999, 0.9659, 0.6994

Inverse Universe

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



51.5083, 35.7821, 37.9105



50.8456, 31.9270, 31.4727



51.6867, 65.0119, 97.8202



16.7196, 16.5707, 18.2700



21.1041, 10.7851, 5.2568



1.8999, 0.9659, 0.6994

Previews

White Background



This preview shows how the XYZ color 51.5073, 35.7803, 37.9098 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 51.5073, 35.7803, 37.9098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

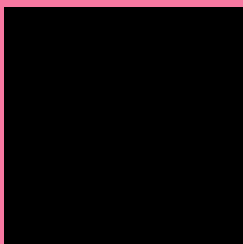
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5073, 35.7803, 37.9098

Background



This preview shows how black text looks on a background with the XYZ color 51.5073, 35.7803, 37.9098.



This preview shows how white text looks on a background with the XYZ color 51.5073, 35.7803,

37.9098.

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

51.5073, 35.7803, 37.9098

Protanopia

35.6024, 36.2616, 51.0217

Deuteranopia

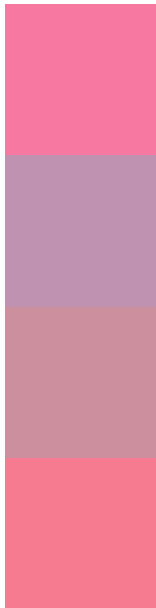
36.6273, 35.8468, 35.9990



Tritanopia

49.2929, 35.8009, 26.8665

Trichromacy



Original Color

51.5073, 35.7803, 37.9098

Protanomaly

39.3506, 34.6395, 45.6864

Deuteranomaly

40.8101, 34.9166, 36.4869

Tritanomaly

50.1230, 35.7724, 30.6485

Monochromacy



Original Color

51.5073, 35.7803, 37.9098

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

39.2034, 34.9454, 38.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5073, 35.7803, 37.9098 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(247, 120, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 120, 161)  
}
```

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(247, 120, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 120, 161) }
```

Border

The CSS property to change the border of an element to XYZ 51.5073, 35.7803, 37.9098 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(247, 120, 161) }
```


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

```
.border{ border-color:rgb(247, 120, 161) }
```

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

Here you see how a box with a 4 pixel rgb(247, 120, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 120, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 120, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 120,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5073, 35.7803, 37.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 120, 161) }
```

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

```
.background{ background-color: rgb(247,  
120, 161) }
```

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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