

Converting Colors

XYZ(53.4887, 38.3004, 37.8313)

Have a look what the booklet for
XYZ(53.4887, 38.3004, 37.8313)
contains.

| | |
|--|----|
| XYZ(53.4887, 38.3004, 37.8313) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(53.4887, 38.3004,
37.8313)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA80A0 |
| RGB | 250, 128, 160 |
| RGB Percent | 98%, 50%, 63% |
| CMY | 0.0196, 0.4980, 0.3725 |
| CMYK | 0.00, 0.49, 0.36, 0.02 |
| HSL | 344°, 92%, 74% |
| HSV | 344°, 49%, 98% |
| XYZ | 53.4887, 38.3004, 37.8313 |
| YIQ | 168.1260, 62.4400, 35.8160 |

Conversions

Conversions Part 2

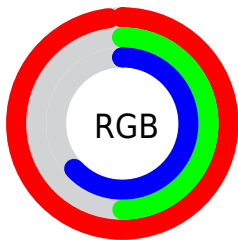
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 250, 128, 160 |
| Decimal | 16416928 |
| CIE _{Lab} | 68.24, 49.69, 4.64 |
| CIE _{LCh} | 68, 49.911, 5.336 |
| Yxy | 38.3004, 0.4127, 0.2955 |
| Android (android.graphics.Color) | 4294607008 (0xFFFA80A0) |
| YUV | 168.1260, -4.0061, 71.8035 |
| Hunter-Lab | 61.8873, 45.9733, 7.0775 |

Details

The XYZ color **53.4887, 38.3004, 37.8313** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.7445, 78.0233, 78.4560**, and the grayscale version is **37.2800, 39.2215, 42.7122**.

A 20% lighter version of the original color is **70.4392, 60.0333, 72.1650**, and **26.4443, 16.9488, 16.3457** is the 20% darker color. If you saturate the color by 10%, you get **49.1247, 31.9657, 28.9981**, and if you desaturate by 10%, it is **58.8974, 46.3411, 48.1943**.

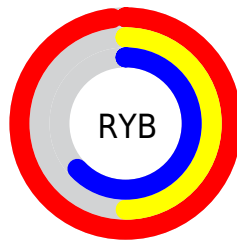
Distribution



Red (98%)

Green (50%)

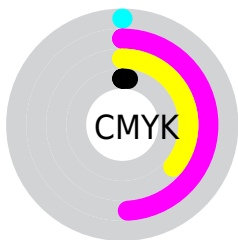
Blue (63%)



Red (98%)

Yellow (50%)

Blue (63%)

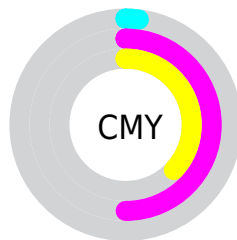


Cyan (0%)

Magenta (49%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (50%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4887, 38.3004, 37.8313 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 53.4887, 38.3004, 37.8313 by changing the saturation by 10% instead.


 53.4887, 38.3004,
37.8313


 53.4887, 38.3004,
37.8313


390.3875,
338.9069, 352.1722


 38.4221, 26.2159,
25.5510


 94.4844, 72.5683,
73.0500

 26.4891, 16.9852,
16.2653


 121.1442, 95.5206,
96.8255

 17.3245, 10.2240,
9.5557


 152.3991,
122.8642, 125.2698

 10.5629, 5.5477,
5.0036

188.6144,
154.9836, 158.8015

 5.8388, 2.5721,
2.1906

230.1556,
192.2632, 197.8390

 2.7871, 0.9126,
0.6689

277.3879,

 1.0422, 0.0000,

235.0873, 242.8009

0.0000

330.6768,
283.8404, 294.1058

■ 0.0000, 0.0000,
0.0000

■ 53.4887, 38.3004,
37.8313

■ 53.4887, 38.3004,
37.8313

■ 49.1247, 31.9657,
28.9981

■ 58.8974, 46.3411,
48.1943

■ 45.7316, 27.2067,
21.6174

■ 65.4114, 56.1938,
60.1550

■ 43.2307, 23.8840,
15.6075

■ 73.0904, 67.9627,
73.7794

■ 41.5287, 21.8304,
10.8770

■ 81.9888, 81.7424,
89.1292

■ 40.4938, 20.8040,
7.3155

■ 92.1573, 97.6213,
106.2628

■ 40.3950, 20.7122,
6.9560

■ 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.



51.8204, 38.3004, 62.3389



53.4887, 38.3004, 37.8313



50.0739, 38.3004, 21.4522

Triad

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



53.4887, 38.3004, 37.8313



28.3932, 38.3004, 15.5439



30.4915, 38.3004, 94.2430

Complementary

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



53.4887, 38.3004, 37.8313



55.7445, 78.0233, 78.4560

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.



25.4792, 38.3004, 71.8367



53.4887, 38.3004, 37.8313



24.3946, 38.3004, 26.2117

Square

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



53.4887, 38.3004, 37.8313



35.0253, 38.3004, 11.8726



23.4092, 38.3004, 45.8294



37.8172, 38.3004, 100.8243

Rectangle

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



53.4887, 38.3004, 37.8313



45.6264, 38.3004, 15.3948



23.4092, 38.3004, 45.8294



28.5154, 38.3004, 87.9991

Sweetspot

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



53.4897, 38.3023, 37.8320



79.8234, 76.2909, 83.0334



53.7302, 37.1660, 94.7844



16.6785, 15.7005, 17.0662



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.



53.4897, 38.3023, 37.8320



51.2804, 33.2855, 30.1103



55.2890, 45.8185, 26.3544



17.4315, 17.2999, 18.8618



21.4767, 11.0064, 3.9525



2.0307, 1.0360, 0.5851

Inverse Universe

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



53.4897, 38.3023, 37.8320



51.2804, 33.2855, 30.1103



52.1565, 63.4878, 99.9480



17.4315, 17.2999, 18.8618



21.4767, 11.0064, 3.9525



2.0307, 1.0360, 0.5851

Previews

White Background



This preview shows how the XYZ color 53.4887, 38.3004, 37.8313 looks on a white background.

Color Contrast Check

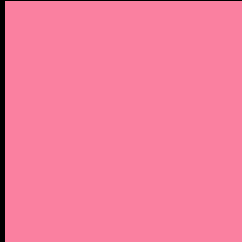
Large Text (above 18pt) WCAG AA × Fail

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 53.4887, 38.3004, 37.8313 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 53.4887, 38.3004, 37.8313

Background



This preview shows how black text looks on a background with the XYZ color 53.4887, 38.3004, 37.8313.



This preview shows how white text looks on a background with the XYZ color 53.4887, 38.3004,

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

53.4887, 38.3004, 37.8313

Protanopia

37.5968, 38.6492, 49.7344

Deuteranopia

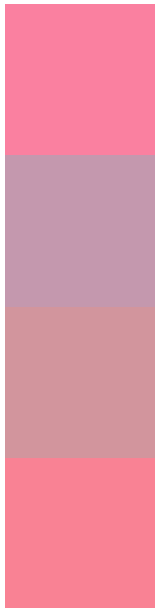
39.1548, 38.4211, 36.3627



Tritanopia

51.6354, 38.1121, 29.8342

Trichromacy



Original Color

53.4887, 38.3004, 37.8313

Protanomaly

41.6332, 37.2482, 45.0397

Deuteranomaly

43.4116, 37.6309, 36.8737

Tritanomaly

52.3948, 38.2431, 32.6371

Monochromacy



Original Color

53.4887, 38.3004, 37.8313

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.4715, 37.5048, 40.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4887, 38.3004, 37.8313 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, 128, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 128, 160)  
}
```

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, 128, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 128, 160) }
```

Border

The CSS property to change the border of an element to XYZ 53.4887, 38.3004, 37.8313 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, 128, 160) }
```


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

```
.border{ border-color:rgb(250, 128, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 128, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 128, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 128, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 128,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4887, 38.3004, 37.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 128, 160) }
```

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

```
.background{ background-color: rgb(250,  
128, 160) }
```

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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