

Converting Colors

XYZ(53.5486, 38.5856, 47.8852)

Have a look what the booklet for
XYZ(53.5486, 38.5856, 47.8852)
contains.

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Color

**XYZ(53.5291, 38.4936,
47.7887)**

Conversions

Conversions Part 1

Format	Color
Hex	F482B4
RGB	244, 130, 180
RGB Percent	96%, 51%, 71%
CMY	0.0431, 0.4902, 0.2941
CMYK	0.00, 0.47, 0.26, 0.04
HSL	334°, 84%, 73%
HSV	334°, 47%, 96%
XYZ	53.5291, 38.4936, 47.7887
YIQ	169.7860, 51.8940, 39.7180

Conversions

Conversions Part 2

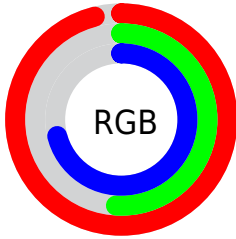
Format	Color
R_{YB}	244, 130, 180
Decimal	16024244
CIE _{Lab}	68.38, 49.19, -6.50
CIE _{LCh}	68, 49.617, 352.468
Yxy	38.4936, 0.3829, 0.2753
Android (android.graphics.Color)	4294214324 (0xFFFF482B4)
YUV	169.7860, 5.0355, 65.0857
Hunter-Lab	62.0432, 45.4291, -2.2378

Details

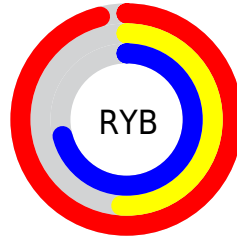
The XYZ color **53.5291, 38.4936, 47.7887** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.2961, 73.3434, 62.4957**, and the grayscale version is **38.0607, 40.0428, 43.6066**.

A 20% lighter version of the original color is **73.7293, 62.0141, 87.4408**, and **26.4228, 17.0155, 21.9704** is the 20% darker color. If you saturate the color by 10%, you get **49.3326, 32.2246, 39.8416**, and if you desaturate by 10%, it is **58.6351, 46.3604, 56.7203**.

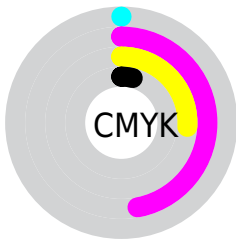
Distribution



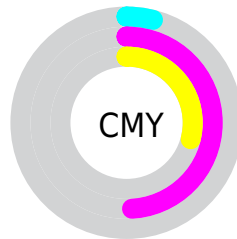
- Red (96%)
- Green (51%)
- Blue (71%)



- Red (96%)
- Yellow (51%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5291, 38.4936, 47.7887 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 53.5291, 38.4936, 47.7887 by changing the saturation by 10% instead.


 53.5291, 38.4936,
47.7887


 53.5291, 38.4936,
47.7887


390.5395,
339.7327, 394.4385


 38.4545, 26.3660,
33.3008

 94.5434, 72.8641,
88.2520

 26.5144, 17.0977,
22.0840


 121.2139, 95.8757,
115.0644

 17.3436, 10.3041,
13.7197

 152.4803,
123.2842, 146.8221

 10.5766, 5.6011,
7.7895

188.7080,
155.4739, 183.9437

 5.8481, 2.6041,
3.8747

230.2625,
192.8292, 226.8475

 2.7927, 0.9287,
1.5569

277.5089,

 1.0451, 0.0000,

235.7345, 275.9522

0.2597

330.8128,
284.5742, 331.6764

■ 0.0000, 0.0000,
0.0000

■ 53.5291, 38.4936,
47.7887

■ 53.5291, 38.4936,
47.7887

■ 49.3326, 32.2246,
39.8416

■ 58.6351, 46.3604,
56.7203

■ 45.9832, 27.4356,
32.8373

■ 64.7011, 55.9204,
66.6709

■ 43.4152, 24.0016,
26.7339

■ 71.7773, 67.2684,
77.6758

■ 41.5507, 21.7742,
21.4836

■ 79.9097, 80.4902,
89.7677

■ 40.2925, 20.5659,
17.0314

■ 89.1412, 95.6663,
102.9777

■ 39.9629, 20.2950,
15.7240

■ 91.1184, 97.9732,
108.7160

Harmonies

Analogous

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



49.7919, 38.4936, 73.8403



53.5291, 38.4936, 47.7887



52.2412, 38.4936, 27.5677

Triad

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



53.5291, 38.4936, 47.7887



31.1578, 38.4936, 13.4626



28.2024, 38.4936, 85.9456

Complementary

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



53.5291, 38.4936, 47.7887



51.2961, 73.3434, 62.4957

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.



24.4213, 38.4936, 60.5303



53.5291, 38.4936, 47.7887



25.9512, 38.4936, 20.8408

Square

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



53.5291, 38.4936, 47.7887



38.5849, 38.4936, 12.1542



23.6599, 38.4936, 36.5398



34.6593, 38.4936, 100.4186

Rectangle

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



53.5291, 38.4936, 47.7887



48.7808, 38.4936, 19.1148



23.6599, 38.4936, 36.5398



26.6161, 38.4936, 78.0451

Sweetspot

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



53.5302, 38.4955, 47.7894



81.6390, 78.0754, 89.3319



46.2294, 33.7971, 89.6753



17.0767, 16.0680, 18.5211



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.



53.5302, 38.4955, 47.7894



54.7772, 35.9809, 44.5267



50.1009, 38.3707, 25.8870



16.8010, 16.6033, 18.6987



21.7955, 11.0616, 8.8973



1.9663, 0.9925, 1.0490

Inverse Universe

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



53.5302, 38.4955, 47.7894



54.7772, 35.9809, 44.5267



56.1983, 72.6024, 96.6401



16.8010, 16.6033, 18.6987



21.7955, 11.0616, 8.8973



1.9663, 0.9925, 1.0490

Previews

White Background



This preview shows how the XYZ color 53.5291, 38.4936, 47.7887 looks on a white background.

Color Contrast Check

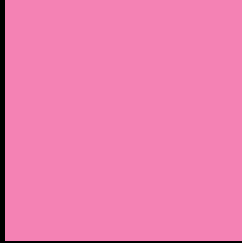
Large Text (above 18pt) WCAG AA × Fail

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 53.5291, 38.4936, 47.7887 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 53.5291, 38.4936, 47.7887

Background



This preview shows how black text looks on a background with the XYZ color 53.5291, 38.4936, 47.7887.



This preview shows how white text looks on a background with the XYZ color 53.5291, 38.4936,

47.7887.

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

53.5291, 38.4936, 47.7887

Protanopia

38.7138, 38.9552, 61.9786

Deuteranopia

39.4806, 38.6391, 45.9347



Tritanopia

50.2681, 38.3844, 31.9536

Trichromacy



Original Color

53.5291, 38.4936, 47.7887



Protanomaly

42.4768, 37.6697, 56.6620



Deuteranomaly

43.4708, 37.6835, 46.5775



Tritanomaly

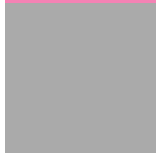
51.3146, 38.3961, 37.0544

Monochromacy



Original Color

53.5291, 38.4936, 47.7887



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.3873, 38.3690, 45.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5291, 38.4936, 47.7887 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(244, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(244, 130, 180)  
}
```

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(244, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 130, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.5291, 38.4936, 47.7887 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(244, 130, 180) }
```


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

```
.border{ border-color:rgb(244, 130, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 130, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(244, 130,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5291, 38.4936, 47.7887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 130, 180) }
```

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

```
.background{ background-color: rgb(244,  
130, 180) }
```

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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