

Converting Colors

XYZ(50.8066, 31.4908, 37.6942)

Have a look what the booklet for
XYZ(50.8066, 31.4908, 37.6942)
contains.

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Color

**XYZ(50.7587, 31.4885,
37.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	FC5FA2
RGB	252, 95, 162
RGB Percent	99%, 37%, 64%
CMY	0.0118, 0.6274, 0.3647
CMYK	0.00, 0.62, 0.36, 0.01
HSL	334°, 96%, 68%
HSV	334°, 62%, 99%
XYZ	50.7587, 31.4885, 37.5850
YIQ	149.5810, 72.0650, 54.1210

Conversions

Conversions Part 2

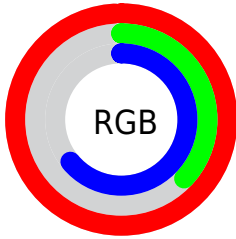
Format	Color
R _Y B	252, 95, 162
Decimal	16539554
CIE Lab	62.92, 65.50, -4.23
CIE LCh	63, 65.632, 356.303
Yxy	31.4885, 0.4236, 0.2628
Android (android.graphics.Color)	4294729634 (0xFFFC5FA2)
YUV	149.5810, 6.1226, 89.8215
Hunter-Lab	56.1146, 63.2623, -0.4316

Details

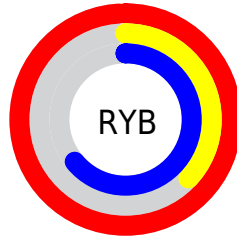
The XYZ color **50.7587, 31.4885, 37.5850** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.2886, 75.5574, 57.9426**, and the grayscale version is **28.7670, 30.2652, 32.9587**.

A 20% lighter version of the original color is **65.1556, 49.0522, 71.6796**, and **24.7945, 13.1028, 16.2612** is the 20% darker color. If you saturate the color by 10%, you get **47.6332, 27.1759, 30.5671**, and if you desaturate by 10%, it is **54.7674, 37.3311, 45.6257**.

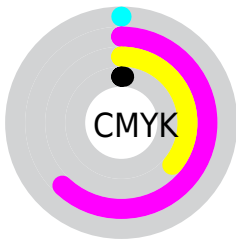
Distribution



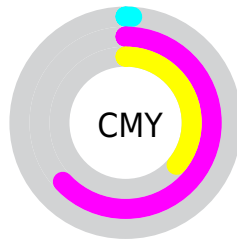
- Red (99%)
- Green (37%)
- Blue (64%)



- Red (99%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7587, 31.4885, 37.5850 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 50.7587, 31.4885, 37.5850 by changing the saturation by 10% instead.


 50.7587, 31.4885,
37.5850


 50.7587, 31.4885,
37.5850

380.0287,
308.7826, 351.0810


 36.2369, 20.9711,
25.3614


 90.4831, 62.0084,
72.6680


 24.7881, 13.1029,
16.1251


 116.4164, 82.7796,
96.3644

 16.0472, 7.4994,
9.4574


 146.8842,
107.7376, 124.7223

 9.6486, 3.7764,
4.9398

 182.2519,
137.2667, 158.1600

 5.2271, 1.5493,
2.1539

222.8849,
171.7514, 197.0962

 2.4172, 0.3230,
0.6476

269.1484,

 0.8537, 0.0000,

211.5760, 241.9494

0.0000

321.4079,
257.1249, 293.1382

■ 0.0000, 0.0000,
0.0000

■ 50.7587, 31.4885,
37.5850

■ 50.7587, 31.4885,
37.5850

■ 47.6332, 27.1759,
30.5671

■ 54.7674, 37.3311,
45.6257

■ 45.3095, 24.2390,
24.5197

■ 59.7252, 44.8284,
54.7338

■ 43.6942, 22.4989,
19.3859

■ 65.6947, 54.0980,
64.9528

■ 42.8270, 21.7683,
16.0021

■ 72.7319, 65.2453,
76.3225

■ 80.8886, 78.3671,
88.8811

90.2134, 93.5539,
102.6642

93.9549, 99.4355,
108.8488

Harmonies

Analogous

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



46.7794, 31.4885, 69.8343



50.7587, 31.4885, 37.5850



48.2999, 31.4885, 16.6650

Triad

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



50.7587, 31.4885, 37.5850



22.8900, 31.4885, 6.2691



21.3099, 31.4885, 94.3448

Complementary

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



50.7587, 31.4885, 37.5850



48.2886, 75.5574, 57.9426

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.



16.9302, 31.4885, 61.3045



50.7587, 31.4885, 37.5850



17.7057, 31.4885, 13.4691

Square

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



50.7587, 31.4885, 37.5850



31.0598, 31.4885, 4.7833



15.7562, 31.4885, 31.1852



28.8258, 31.4885, 111.4519

Rectangle

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



50.7587, 31.4885, 37.5850



43.5629, 31.4885, 9.4703



15.7562, 31.4885, 31.1852



19.4853, 31.4885, 84.1208

Sweetspot

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



50.7596, 31.4902, 37.5856



77.3401, 71.2264, 82.5075



41.4239, 25.4010, 94.8152



16.0633, 14.4595, 16.8935



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.



50.7596, 31.4902, 37.5856



48.1980, 26.9541, 29.5964



47.3110, 31.7221, 14.4580



17.5520, 17.3482, 19.4967



22.3793, 11.3674, 8.7056



2.1245, 1.0736, 1.0793

Inverse Universe

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



50.7596, 31.4902, 37.5856



48.1980, 26.9541, 29.5964



53.9046, 72.6889, 103.2849



17.5520, 17.3482, 19.4967



22.3793, 11.3674, 8.7056



2.1245, 1.0736, 1.0793

Previews

White Background



This preview shows how the XYZ color 50.7587, 31.4885, 37.5850 looks on a white background.

Color Contrast Check

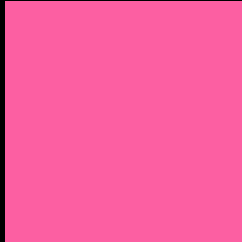
Large Text (above 18pt) WCAG AA × Fail

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 50.7587, 31.4885, 37.5850 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 50.7587, 31.4885, 37.5850

Background



This preview shows how black text looks on a background with the XYZ color 50.7587, 31.4885, 37.5850.



This preview shows how white text looks on a background with the XYZ color 50.7587, 31.4885,

37.5850.

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

50.7587, 31.4885, 37.5850

Protanopia

32.0749, 31.7859, 57.8708

Deuteranopia

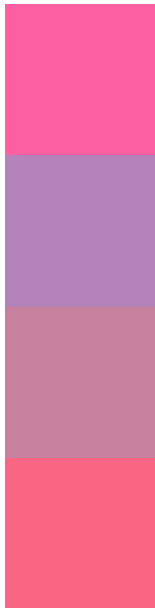
32.1485, 31.6199, 34.9807



Tritanopia

46.8461, 31.4568, 19.2255

Trichromacy



Original Color

50.7587, 31.4885, 37.5850

Protanomaly

35.9293, 29.5591, 49.7107

Deuteranomaly

36.9620, 30.0052, 35.7418

Tritanomaly

47.9150, 31.2812, 24.9852

Monochromacy



Original Color

50.7587, 31.4885, 37.5850

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

34.3089, 28.8632, 34.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7587, 31.4885, 37.5850 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(252, 95, 162)` looks like.

```
.text, #text, p{  
    color:rgb(252, 95, 162)  
}
```

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(252, 95, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 95, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.7587, 31.4885, 37.5850 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(252, 95, 162) }
```


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

```
.border{ border-color:rgb(252, 95, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 95, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 95, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 95, 162);  
box-shadow:4px 4px 4px 4px rgb(252, 95,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7587, 31.4885, 37.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 95, 162) }
```

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

```
.background{ background-color: rgb(252, 95,  
162) }
```

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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