

Converting Colors

XYZ(108.0587, 60.9974,
33.2223)

Have a look what the booklet for
XYZ(108.0587, 60.9974, 33.2223)
contains.

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Color

**XYZ(50.4310, 31.3407,
30.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E92
RGB	255, 94, 146
RGB Percent	100%, 37%, 57%
CMY	0.0000, 0.6313, 0.4274
CMYK	0.00, 0.63, 0.43, 0.00
HSL	341°, 100%, 68%
HSV	341°, 63%, 100%
XYZ	50.4310, 31.3407, 30.5855
YIQ	148.0670, 79.2640, 50.3040

Conversions

Conversions Part 2

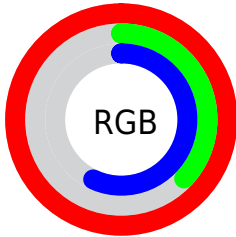
Format	Color
RYB	255, 94, 146
Decimal	16735890
CIELab	62.79, 65.15, 4.87
CIElCh	63, 65.335, 4.274
Yxy	31.3407, 0.4488, 0.2789
Android (android.graphics.Color)	4294925970 (0xFFFF5E92)
YUV	148.0670, -1.0190, 93.7802
Hunter-Lab	55.9828, 62.8285, 6.7956

Details

The XYZ color **50.4310, 31.3407, 30.5855** 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 **51.1575, 78.2123, 68.9055**, and the grayscale version is **28.1586, 29.6251, 32.2617**.

A 20% lighter version of the original color is **62.8936, 47.8866, 60.5718**, and **24.4956, 12.9659, 12.2779** is the 20% darker color. If you saturate the color by 10%, you get **47.2829, 27.0341, 23.4029**, and if you desaturate by 10%, it is **54.5322, 37.2291, 39.0870**.

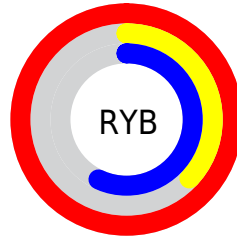
Distribution



Red (100%)

Green (37%)

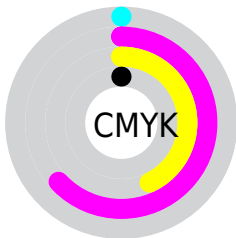
Blue (57%)



Red (100%)

Yellow (37%)

Blue (57%)

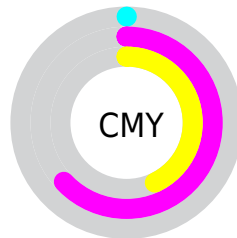


Cyan (0%)

Magenta (63%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4310, 31.3407, 30.5855 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 50.4310, 31.3407, 30.5855 by changing the saturation by 10% instead.


 50.4310, 31.3407,
30.5855


 50.4310, 31.3407,
30.5855


378.7732,
308.1049, 318.9160


 35.9752, 20.8584,
20.0276


 90.0011, 61.7761,
61.6588


 24.5850, 13.0206,
12.2308


 115.8462, 82.4980,
83.0113

 15.8953, 7.4427,
6.7766


 146.2183,
107.4018, 108.7991

 9.5404, 3.7405,
3.2465

 181.4829,
136.8721, 139.4406

 5.1552, 1.5295,
1.2218

222.0054,
171.2931, 175.3546

 2.3743, 0.3093,
0.0000

268.1510,

 0.8323, 0.0000,

211.0493, 216.9594

0.0000

320.2852,
256.5251, 264.6737

■ 0.0000, 0.0000,
0.0000

■ 50.4310, 31.3407,
30.5855

■ 50.4310, 31.3407,
30.5855

■ 47.2829, 27.0341,
23.4029

■ 54.5322, 37.2291,
39.0870

■ 44.9994, 24.1465,
17.4643

■ 59.6591, 44.8306,
48.9726

■ 43.4780, 22.4887,
12.6874

■ 65.8798, 54.2685,
60.3050

■ 42.7763, 21.8745,
10.0205

■ 73.2554, 65.6534,
73.1419

■ 81.8428, 79.0869,
87.5379

91.6946, 94.6636,
103.5447

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



48.1148, 31.3407, 60.2679



50.4310, 31.3407, 30.5855



46.3725, 31.3407, 13.2296

Triad

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



50.4310, 31.3407, 30.5855



21.1181, 31.3407, 7.4665



22.9319, 31.3407, 100.4715

Complementary

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



50.4310, 31.3407, 30.5855



51.1575, 78.2123, 68.9055

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.



17.7209, 31.3407, 70.0384



50.4310, 31.3407, 30.5855



16.8300, 31.3407, 16.9043

Square

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



50.4310, 31.3407, 30.5855



28.5255, 31.3407, 4.8095



15.7233, 31.3407, 37.9269



31.0880, 31.3407, 110.5337

Rectangle

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



50.4310, 31.3407, 30.5855



40.9964, 31.3407, 7.7294



15.7233, 31.3407, 37.9269



20.8355, 31.3407, 91.7304

Sweetspot

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



50.4318, 31.3424, 30.5860



76.6552, 70.9524, 78.9006



46.2314, 27.6912, 97.5159



15.8991, 14.3938, 16.0289



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.



50.4318, 31.3424, 30.5860



46.5441, 26.0687, 21.5769



50.0788, 35.7045, 14.8441



18.2511, 18.0838, 19.9397



22.4118, 11.4540, 5.5531



2.2297, 1.1343, 0.7910

Inverse Universe

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



50.4318, 31.3424, 30.5860



46.5441, 26.0687, 21.5769



50.4567, 65.1795, 104.5291



18.2511, 18.0838, 19.9397



22.4118, 11.4540, 5.5531



2.2297, 1.1343, 0.7910

Previews

White Background



This preview shows how the XYZ color 50.4310, 31.3407, 30.5855 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 50.4310, 31.3407, 30.5855 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 50.4310, 31.3407, 30.5855

Background



This preview shows how black text looks on a background with the XYZ color 50.4310, 31.3407, 30.5855.



This preview shows how white text looks on a background with the XYZ color 50.4310, 31.3407,

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

50.4310, 31.3407, 30.5855

Protanopia

31.2359, 31.5909, 47.0992

Deuteranopia

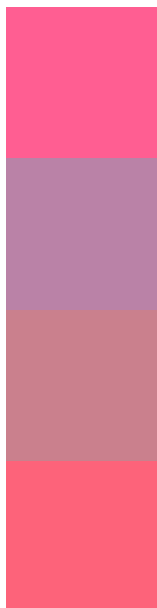
32.0344, 31.4731, 28.4313



Tritanopia

47.6030, 31.2809, 17.7162

Trichromacy



Original Color

50.4310, 31.3407, 30.5855

Protanomaly

35.2074, 29.1944, 40.3387

Deuteranomaly

36.8840, 29.9180, 29.0301

Tritanomaly

48.4827, 31.2115, 21.8814

Monochromacy



Original Color

50.4310, 31.3407, 30.5855

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

33.4791, 28.1097, 31.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4310, 31.3407, 30.5855 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(255, 94, 146)` looks like.

```
.text, #text, p{  
  color:rgb(255, 94, 146)  
}
```

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(255, 94, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 146) }
```

Border

The CSS property to change the border of an element to XYZ 50.4310, 31.3407, 30.5855 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(255, 94, 146) }
```


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

```
.border{ border-color:rgb(255, 94, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4310, 31.3407, 30.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 146) }
```

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

```
.background{ background-color: rgb(255, 94,  
146) }
```

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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