

Converting Colors

XYZ(50.6481, 31.6254, 31.1192)

Have a look what the booklet for
XYZ(50.6481, 31.6254, 31.1192)
contains.

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Color

**XYZ(50.5987, 31.5510,
31.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F93
RGB	255, 95, 147
RGB Percent	100%, 37%, 58%
CMY	0.0000, 0.6274, 0.4235
CMYK	0.00, 0.63, 0.42, 0.00
HSL	341°, 100%, 69%
HSV	341°, 63%, 100%
XYZ	50.5987, 31.5510, 31.0269
YIQ	148.7680, 78.6680, 50.0920

Conversions

Conversions Part 2

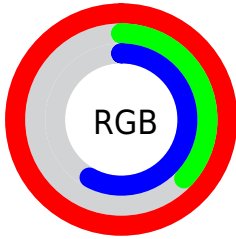
Format	Color
R _Y B	255, 95, 147
Decimal	16736147
CIE _{Lab}	62.97, 64.84, 4.55
CIE _{LCh}	63, 65.003, 4.009
Y _{xy}	31.5510, 0.4471, 0.2788
Android (android.graphics.Color)	4294926227 (0xFFFF5F93)
YUV	148.7680, -0.8716, 93.1655
Hunter-Lab	56.1703, 62.4965, 6.5690

Details

The XYZ color **50.5987, 31.5510, 31.0269** 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 **51.2608, 78.2656, 68.9103**, and the grayscale version is **28.4514, 29.9331, 32.5972**.

A 20% lighter version of the original color is **63.1738, 48.2595, 61.2437**, and **24.5894, 13.0793, 12.5378** is the 20% darker color. If you saturate the color by 10%, you get **47.4146, 27.1852, 23.7926**, and if you desaturate by 10%, it is **54.7381, 37.5039, 39.5774**.

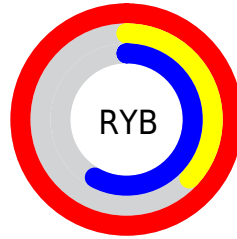
Distribution



Red (100%)

Green (37%)

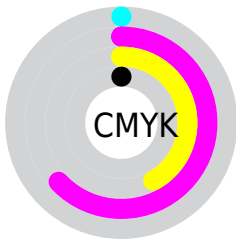
Blue (58%)



Red (100%)

Yellow (37%)

Blue (58%)

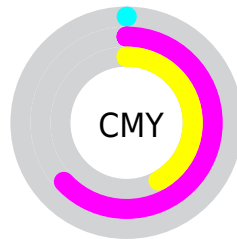


Cyan (0%)

Magenta (63%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5987, 31.5510, 31.0269 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 50.5987, 31.5510, 31.0269 by changing the saturation by 10% instead.


 50.5987, 31.5510,
31.0269


 50.5987, 31.5510,
31.0269


379.4160,
309.0688, 321.0173


 36.1091, 21.0188,
20.3607


 90.2478, 62.1065,
62.3625


 24.6890, 13.1377,
12.4708


 116.1381, 82.8986,
83.8690

 15.9730, 7.5235,
6.9388


 146.5592,
107.8795, 109.8259

 9.5957, 3.7916,
3.3460

 181.8766,
137.4335, 140.6520

 5.1920, 1.5577,
1.2739

222.4556,
171.9450, 176.7656

 2.3962, 0.3288,
0.0402

268.6616,

 0.8432, 0.0000,

211.7985, 218.5853

0.0000

320.8600,
257.3783, 266.5297

■ 0.0000, 0.0000,
0.0000

■ 50.5987, 31.5510,
31.0269

■ 50.5987, 31.5510,
31.0269

■ 47.4146, 27.1852,
23.7926

■ 54.7381, 37.5039,
39.5774

■ 45.0977, 24.2447,
17.8001

■ 59.9047, 45.1744,
49.5086

■ 43.5466, 22.5421,
12.9685

■ 66.1664, 54.6855,
60.8825

■ 42.7961, 21.8825,
10.1247

■ 73.5842, 66.1471,
73.7564

■ 82.2144, 79.6606,
88.1843

92.1097, 95.3203,
104.2177

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.2336, 31.5510, 60.7413



50.5987, 31.5510, 31.0269



46.6032, 31.5510, 13.5277

Triad

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



50.5987, 31.5510, 31.0269



21.3687, 31.5510, 7.5791



23.0720, 31.5510, 100.2750

Complementary

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



50.5987, 31.5510, 31.0269



51.2608, 78.2656, 68.9103

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.



17.8822, 31.5510, 69.8776



50.5987, 31.5510, 31.0269



17.0446, 31.5510, 16.9882

Square

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



50.5987, 31.5510, 31.0269



28.8030, 31.5510, 4.9357



15.9075, 31.5510, 37.9101



31.2057, 31.5510, 110.5229

Rectangle

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



50.5987, 31.5510, 31.0269



41.2597, 31.5510, 7.9410



15.9075, 31.5510, 37.9101



20.9829, 31.5510, 91.5232

Sweetspot

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



50.5995, 31.5527, 31.0274



76.6683, 70.9576, 78.9697



46.4109, 27.9166, 97.5500



15.9022, 14.3951, 16.0455



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.



50.5995, 31.5527, 31.0274



46.8187, 26.4024, 22.3333



50.2256, 35.9256, 15.1159



18.2527, 18.0844, 19.9478



22.4224, 11.4583, 5.6088



2.2309, 1.1347, 0.7972

Inverse Universe

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



50.5995, 31.5527, 31.0274



46.8187, 26.4024, 22.3333



50.6059, 65.3246, 104.5494



18.2527, 18.0844, 19.9478



22.4224, 11.4583, 5.6088



2.2309, 1.1347, 0.7972

Previews

White Background



This preview shows how the XYZ color 50.5987, 31.5510, 31.0269 looks on a white background.

Color Contrast Check

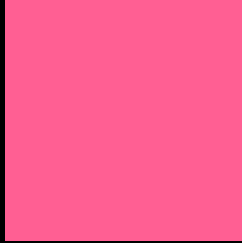
Large Text (above 18pt) WCAG AA × Fail

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 50.5987, 31.5510, 31.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

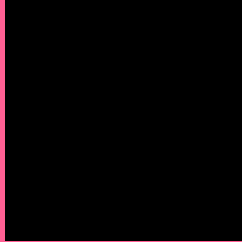
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5987, 31.5510, 31.0269

Background



This preview shows how black text looks on a background with the XYZ color 50.5987, 31.5510, 31.0269.



This preview shows how white text looks on a background with the XYZ color 50.5987, 31.5510,

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

50.5987, 31.5510, 31.0269

Protanopia

31.3374, 31.6315, 47.6339

Deuteranopia

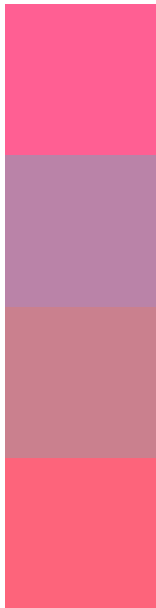
32.1072, 31.5022, 28.8144



Tritanopia

47.7554, 31.5001, 18.0311

Trichromacy



Original Color

50.5987, 31.5510, 31.0269

Protanomaly

35.4339, 29.4989, 40.8721

Deuteranomaly

36.9588, 29.9479, 29.4238

Tritanomaly

48.6403, 31.4271, 22.2413

Monochromacy



Original Color

50.5987, 31.5510, 31.0269

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

33.9346, 28.5300, 31.7353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5987, 31.5510, 31.0269 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, 95, 147)` looks like.

```
.text, #text, p{  
  color:rgb(255, 95, 147)  
}
```

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, 95, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 147) }
```

Border

The CSS property to change the border of an element to XYZ 50.5987, 31.5510, 31.0269 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, 95, 147) }
```


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

```
.border{ border-color:rgb(255, 95, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5987, 31.5510, 31.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 147) }
```

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

```
.background{ background-color: rgb(255, 95,  
147) }
```

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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