

Converting Colors

XYZ(50.9196, 33.5657, 26.9029)

Have a look what the booklet for
XYZ(50.9196, 33.5657, 26.9029)
contains.

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Color

**XYZ(50.9416, 33.5530,
27.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B88
RGB	255, 107, 136
RGB Percent	100%, 42%, 53%
CMY	0.0000, 0.5804, 0.4667
CMYK	0.00, 0.58, 0.47, 0.00
HSL	348°, 100%, 71%
HSV	348°, 58%, 100%
XYZ	50.9416, 33.5530, 27.0840
YIQ	154.5580, 78.8990, 40.3950

Conversions

Conversions Part 2

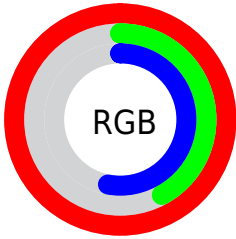
Format	Color
R _Y B	255, 107, 136
Decimal	16739208
CIE Lab	64.61, 58.70, 13.20
CIE LCh	65, 60.169, 12.668
Yxy	33.5530, 0.4566, 0.3007
Android (android.graphics.Color)	4294929288 (0xFFFF6B88)
YUV	154.5580, -9.1491, 88.0876
Hunter-Lab	57.9250, 55.6116, 12.8252

Details

The XYZ color **50.9416, 33.5530, 27.0840** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.5529, 80.1375, 84.4974**, and the grayscale version is **30.9766, 32.5898, 35.4903**.

A 20% lighter version of the original color is **63.5225, 51.1285, 54.6649**, and **24.8109, 14.2222, 10.4543** is the 20% darker color. If you saturate the color by 10%, you get **47.3434, 28.4700, 19.3698**, and if you desaturate by 10%, it is **55.6039, 40.3183, 36.5288**.

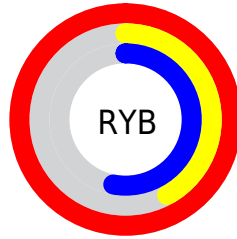
Distribution



Red (100%)

Green (42%)

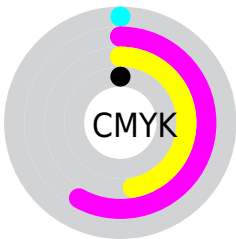
Blue (53%)



Red (100%)

Yellow (42%)

Blue (53%)

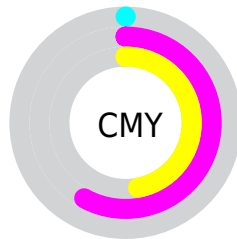


Cyan (0%)

Magenta (58%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9416, 33.5530, 27.0840 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 50.9416, 33.5530, 27.0840 by changing the saturation by 10% instead.


 50.9416, 33.5530,
27.0840

 50.9416, 33.5530,
27.0840


380.7282,
318.1343, 301.8366


 36.3830, 22.5504,
17.4033


 90.7519, 65.2379,
56.0240


 24.9016, 14.2619,
10.3575


 116.7344, 86.6891,
76.1204

 16.1321, 8.3030,
5.5279

 147.2555,
112.3919, 100.5258

 9.7091, 4.2895,
2.4961

 182.6806,
142.7307, 129.6588

 5.2673, 1.8368,
0.8381

223.3751,
178.0900, 163.9378

 2.4413, 0.5099,
0.0000

269.7043,

 0.8658, 0.0000,

218.8540, 203.7814

0.0000

322.0335,
265.4073, 249.6082

■ 0.0000, 0.0000,
0.0000

■ 50.9416, 33.5530,
27.0840

■ 50.9416, 33.5530,
27.0840

■ 47.3434, 28.4700,
19.3698

■ 55.6039, 40.3183,
36.5288

■ 44.7196, 24.9152,
13.2767

■ 61.4050, 48.8914,
47.8006

■ 42.9696, 22.7155,
8.6848

■ 68.4156, 59.3921,
60.9906

■ 41.9597, 21.6348,
5.4523

■ 76.6998, 71.9282,
76.1834

■ 41.8146, 21.4898,
4.9566

■ 86.3173, 86.5996,
93.4584

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



50.4663, 33.5530, 52.5711



50.9416, 33.5530, 27.0840



45.6911, 33.5530, 12.8871

Triad

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



50.9416, 33.5530, 27.0840



21.9282, 33.5530, 11.5715



27.2055, 33.5530, 103.1301

Complementary

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



50.9416, 33.5530, 27.0840



55.5529, 80.1375, 84.4974

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.



21.1938, 33.5530, 79.0536



50.9416, 33.5530, 27.0840



18.5454, 33.5530, 24.1424

Square

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



50.9416, 33.5530, 27.0840



28.3938, 33.5530, 7.0397



18.3033, 33.5530, 47.9591



35.6644, 33.5530, 105.1392

Rectangle

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



50.9416, 33.5530, 27.0840



40.1194, 33.5530, 8.5140



18.3033, 33.5530, 47.9591



24.8726, 33.5530, 96.9792

Sweetspot

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



50.9425, 33.5548, 27.0846



77.6332, 73.3470, 77.8747



54.4852, 33.8094, 98.2615



16.2320, 15.1147, 15.9706



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.



50.9425, 33.5548, 27.0846



46.7541, 27.6561, 18.0485



55.0263, 44.5859, 19.6182



18.1548, 18.0452, 19.4323



21.8901, 11.2453, 2.8057



2.1675, 1.1094, 0.4636

Inverse Universe

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



50.9425, 33.5548, 27.0846



46.7541, 27.6561, 18.0485



47.3100, 56.7376, 103.0653



18.1548, 18.0452, 19.4323



21.8901, 11.2453, 2.8057



2.1675, 1.1094, 0.4636

Previews

White Background



This preview shows how the XYZ color 50.9416, 33.5530, 27.0840 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 50.9416, 33.5530, 27.0840 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 50.9416, 33.5530, 27.0840

Background



This preview shows how black text looks on a background with the XYZ color 50.9416, 33.5530, 27.0840.



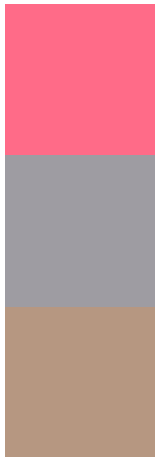
This preview shows how white text looks on a background with the XYZ color 50.9416, 33.5530,

27.0840.

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

50.9416, 33.5530, 27.0840

Protanopia

32.5106, 33.6547, 38.9649

Deuteranopia

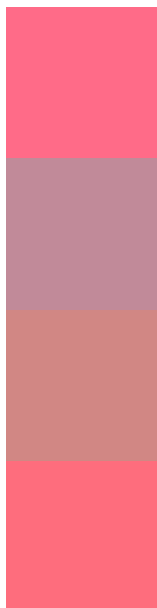
34.3205, 33.6633, 25.4577



Tritanopia

49.7190, 33.5307, 20.9911

Trichromacy



Original Color

50.9416, 33.5530, 27.0840

Protanomaly

36.8306, 31.8143, 34.3366

Deuteranomaly

39.1233, 32.5492, 26.0504

Tritanomaly

50.0434, 33.4888, 23.2284

Monochromacy



Original Color

50.9416, 33.5530, 27.0840

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.9196, 31.3914, 32.1830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9416, 33.5530, 27.0840 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, 107, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 136)  
}
```

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, 107, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 136) }
```

Border

The CSS property to change the border of an element to XYZ 50.9416, 33.5530, 27.0840 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, 107, 136) }
```


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

```
.border{ border-color:rgb(255, 107, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9416, 33.5530, 27.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 136) }
```

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

```
.background{ background-color: rgb(255,  
107, 136) }
```

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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