

Converting Colors

XYZ(51.6963, 36.3020, 29.6219)

Have a look what the booklet for
XYZ(51.6963, 36.3020, 29.6219)
contains.

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Color

**XYZ(51.7900, 36.2933,
29.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	FC798D
RGB	252, 121, 141
RGB Percent	99%, 47%, 55%
CMY	0.0118, 0.5255, 0.4471
CMYK	0.00, 0.52, 0.44, 0.01
HSL	351°, 96%, 73%
HSV	351°, 52%, 99%
XYZ	51.7900, 36.2933, 29.4750
YIQ	162.4490, 71.6560, 33.9920

Conversions

Conversions Part 2

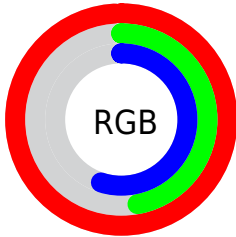
Format	Color
R _Y B	252, 121, 141
Decimal	16546189
CIE Lab	66.74, 51.73, 13.28
CIE LCh	67, 53.413, 14.400
Yxy	36.2933, 0.4405, 0.3087
Android (android.graphics.Color)	4294736269 (0xFFFC798D)
YUV	162.4490, -10.5744, 78.5362
Hunter-Lab	60.2439, 48.0246, 13.1625

Details

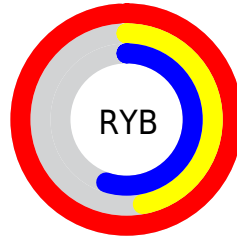
The XYZ color **51.7900, 36.2933, 29.4750** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.2631, 79.5128, 88.6784**, and the grayscale version is **34.5790, 36.3798, 39.6176**.

A 20% lighter version of the original color is **66.5029, 56.2057, 58.3826**, and **25.3224, 15.7281, 11.5987** is the 20% darker color. If you saturate the color by 10%, you get **47.6790, 30.3737, 21.0070**, and if you desaturate by 10%, it is **57.0090, 43.9386, 39.8243**.

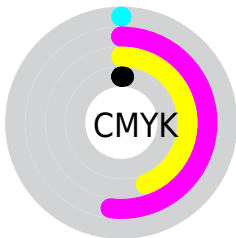
Distribution



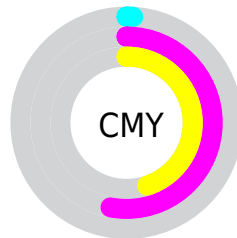
- Red (99%)
- Green (47%)
- Blue (55%)



- Red (99%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (52%)
- Yellow (44%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7900, 36.2933, 29.4750 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 51.7900, 36.2933, 29.4750 by changing the saturation by 10% instead.


 51.7900, 36.2933,
29.4750


 51.7900, 36.2933,
29.4750


383.9626,
330.2407, 313.5804


 37.0613, 24.6608,
19.1918


 91.9975, 69.4845,
59.8821

 25.4289, 15.8245,
11.6307


 118.2071, 91.8120,
80.8430

 16.5273, 9.4001,
6.3733


 148.9743,
118.4734, 106.2003

 9.9912, 5.0030,
3.0009

184.6645,
149.8529, 136.3724

 5.4554, 2.2490,
1.0951

225.6431,
186.3350, 171.7779

 2.5543, 0.7465,
0.0000

272.2754,

 0.9227, 0.0000,

228.3040, 212.8354

0.0000

324.9268,
276.1445, 259.9634

■ 0.0000, 0.0000,
0.0000

■ 51.7900, 36.2933,
29.4750

■ 51.7900, 36.2933,
29.4750

■ 47.6790, 30.3737,
21.0070

■ 57.0090, 43.9386,
39.8243

■ 44.5917, 26.0396,
14.3039

■ 63.4061, 53.4240,
52.1573

■ 42.4363, 23.1384,
9.2395

■ 71.0491, 64.8608,
66.5717

■ 41.1024, 21.4846,
5.6691

■ 79.9997, 78.3498,
83.1577

■ 40.5022, 20.8384,
3.7606

■ 90.3155, 93.9847,
102.0005

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



51.6798, 36.2933, 52.6961



51.7900, 36.2933, 29.4750



46.7961, 36.2933, 15.8868

Triad

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



51.7900, 36.2933, 29.4750



24.7487, 36.2933, 15.5311



30.4934, 36.2933, 99.5379

Complementary

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



51.7900, 36.2933, 29.4750



57.2631, 79.5128, 88.6784

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.



24.5650, 36.2933, 79.4178



51.7900, 36.2933, 29.4750



21.6179, 36.2933, 28.7421

Square

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



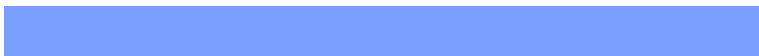
51.7900, 36.2933, 29.4750



30.7833, 36.2933, 10.2314



21.5564, 36.2933, 51.6149



38.4952, 36.2933, 99.9843

Rectangle

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



51.7900, 36.2933, 29.4750



41.6351, 36.2933, 11.4829



21.5564, 36.2933, 51.6149



28.2230, 36.2933, 94.5828

Sweetspot

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



51.7909, 36.2952, 29.4757



78.3122, 74.6444, 78.2875



57.0960, 37.5557, 96.3350



16.3571, 15.3668, 16.0063



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.



51.7909, 36.2952, 29.4757



48.9585, 31.1721, 21.5354



56.9925, 48.8681, 24.5204



17.3526, 17.2684, 18.4464



21.1312, 10.8682, 2.1336



1.9880, 1.0189, 0.3601

Inverse Universe

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



51.7909, 36.2952, 29.4757



48.9585, 31.1721, 21.5354



48.0948, 56.3695, 100.4409



17.3526, 17.2684, 18.4464



21.1312, 10.8682, 2.1336



1.9880, 1.0189, 0.3601

Previews

White Background



This preview shows how the XYZ color 51.7900, 36.2933, 29.4750 looks on a white background.

Color Contrast Check

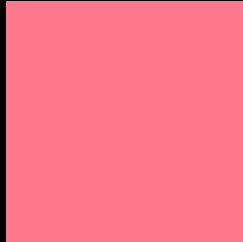
Large Text (above 18pt) WCAG AA × Fail

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 51.7900, 36.2933, 29.4750 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 51.7900, 36.2933, 29.4750

Background



This preview shows how black text looks on a background with the XYZ color 51.7900, 36.2933, 29.4750.



This preview shows how white text looks on a background with the XYZ color 51.7900, 36.2933,

29.4750.

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

51.7900, 36.2933, 29.4750

Protanopia

35.2571, 36.5920, 39.8550

Deuteranopia

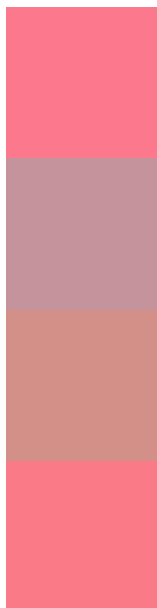
37.1692, 36.5546, 28.0184



Tritanopia

50.9634, 36.3138, 25.7959

Trichromacy



Original Color

51.7900, 36.2933, 29.4750

Protanomaly

39.3761, 35.1043, 35.7108

Deuteranomaly

41.3526, 35.6015, 28.3592

Tritanomaly

51.1164, 36.1776, 27.2105

Monochromacy



Original Color

51.7900, 36.2933, 29.4750

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.7721, 34.8026, 35.2459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7900, 36.2933, 29.4750 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, 121, 141)` looks like.

```
.text, #text, p{  
    color:rgb(252, 121, 141)  
}
```

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, 121, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 121, 141) }
```

Border

The CSS property to change the border of an element to XYZ 51.7900, 36.2933, 29.4750 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, 121, 141) }
```


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

```
.border{ border-color:rgb(252, 121, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 121, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 121, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 121, 141);  
box-shadow:4px 4px 4px 4px rgb(252, 121,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7900, 36.2933, 29.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 121, 141) }
```

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

```
.background{ background-color: rgb(252,  
121, 141) }
```

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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