

Converting Colors

XYZ(50.9026, 36.3898, 28.2831)

Have a look what the booklet for
XYZ(50.9026, 36.3898, 28.2831)
contains.

XYZ(50.8620, 36.3900, 28.3880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.8620, 36.3900,
28.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	F97C8A
RGB	249, 124, 138
RGB Percent	98%, 49%, 54%
CMY	0.0235, 0.5137, 0.4588
CMYK	0.00, 0.50, 0.45, 0.02
HSL	353°, 91%, 73%
HSV	353°, 50%, 98%
XYZ	50.8620, 36.3900, 28.3880
YIQ	162.9710, 70.0060, 30.8540

Conversions

Conversions Part 2

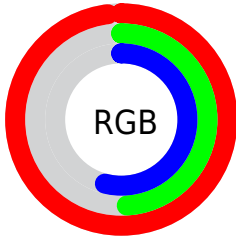
Format	Color
R _Y B	249, 124, 138
Decimal	16350346
CIE Lab	66.82, 48.96, 15.02
CIE LCh	67, 51.216, 17.053
Yxy	36.3900, 0.4398, 0.3147
Android (android.graphics.Color)	4294540426 (0xFFFF97C8A)
YUV	162.9710, -12.3107, 75.4474
Hunter-Lab	60.3241, 44.9342, 14.3255

Details

The XYZ color **50.8620, 36.3900, 28.3880** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.1852, 78.0354, 90.6505**, and the grayscale version is **34.8333, 36.6473, 39.9090**.

A 20% lighter version of the original color is **66.7641, 57.2618, 56.8240**, and **24.9379, 15.9037, 10.9879** is the 20% darker color. If you saturate the color by 10%, you get **46.6848, 30.3421, 19.8851**, and if you desaturate by 10%, it is **56.1547, 44.1474, 38.8713**.

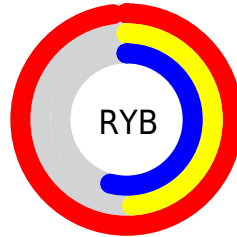
Distribution



Red (98%)

Green (49%)

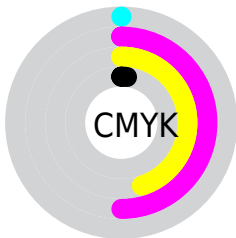
Blue (54%)



Red (98%)

Yellow (49%)

Blue (54%)

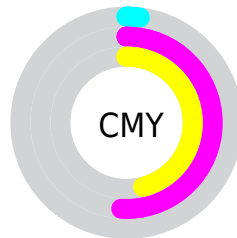


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (2%)



Cyan (2%)


Magenta (51%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8620, 36.3900, 28.3880 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 50.8620, 36.3900, 28.3880 by changing the saturation by 10% instead.


 50.8620, 36.3900,
28.3880


 50.8620, 36.3900,
28.3880


380.4239,
330.6620, 308.2864


 36.3194, 24.7356,
18.3768


 90.6350, 69.6336,
58.1338

 24.8522, 15.8801,
11.0486


 116.5960, 91.9915,
78.7055

 16.0951, 9.4394,
5.9849


 147.0939,
118.6861, 103.6344

 9.6828, 5.0289,
2.7673

182.4941,
150.1017, 133.3391

 5.2498, 2.2642,
0.9771

223.1618,
186.6226, 168.2381

 2.4308, 0.7547,
0.0000

269.4624,

 0.8605, 0.0000,

228.6334, 208.7500

0.0000

321.7613,
276.5184, 255.2932

■ 0.0000, 0.0000,
0.0000

■ 50.8620, 36.3900,
28.3880

■ 50.8620, 36.3900,
28.3880

■ 46.6848, 30.3421,
19.8851

■ 56.1547, 44.1474,
38.8713

■ 43.5398, 25.8692,
13.2355

■ 62.6326, 53.7242,
51.4470

■ 41.3368, 22.8256,
8.3007

■ 70.3627, 65.2279,
66.2212

■ 39.9680, 21.0363,
4.9210

■ 79.4064, 78.7560,
83.2921

■ 39.2750, 20.2229,
2.9243

■ 89.8212, 94.3992,
102.7520

92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



51.2199, 36.3900, 49.9632



50.8620, 36.3900, 28.3880



45.7545, 36.3900, 15.8902

Triad

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



50.8620, 36.3900, 28.3880



24.7946, 36.3900, 17.0943



31.3582, 36.3900, 97.3933

Complementary

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



50.8620, 36.3900, 28.3880



57.1852, 78.0354, 90.6505

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.



25.4037, 36.3900, 79.7433



50.8620, 36.3900, 28.3880



22.0128, 36.3900, 30.8172

Square

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



50.8620, 36.3900, 28.3880



30.4028, 36.3900, 11.2409



22.2178, 36.3900, 53.4876



39.1398, 36.3900, 95.9601

Rectangle

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



50.8620, 36.3900, 28.3880



40.7225, 36.3900, 11.9007



22.2178, 36.3900, 53.4876



29.1020, 36.3900, 93.2816

Sweetspot

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



50.8629, 36.3919, 28.3887



79.0439, 75.9791, 78.9285



58.3763, 38.8199, 94.0385



16.4930, 15.6263, 16.0898



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.



50.8629, 36.3919, 28.3887



49.3289, 32.0978, 21.0890



57.4429, 51.0702, 25.9012



17.3236, 17.2568, 18.2939



21.0484, 10.8351, 1.6976



1.9743, 1.0135, 0.2883

Inverse Universe

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



50.8629, 36.3919, 28.3887



49.3289, 32.0978, 21.0890



46.3188, 52.9386, 97.3992



17.3236, 17.2568, 18.2939



21.0484, 10.8351, 1.6976



1.9743, 1.0135, 0.2883

Previews

White Background



This preview shows how the XYZ color 50.8620, 36.3900, 28.3880 looks on a white background.

Color Contrast Check

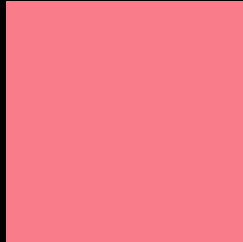
Large Text (above 18pt) WCAG AA × Fail

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 50.8620, 36.3900, 28.3880 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 50.8620, 36.3900, 28.3880

Background



This preview shows how black text looks on a background with the XYZ color 50.8620, 36.3900, 28.3880.



This preview shows how white text looks on a background with the XYZ color 50.8620, 36.3900,

28.3880.

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

50.8620, 36.3900, 28.3880

Protanopia

35.0282, 36.5248, 37.5516

Deuteranopia

37.2769, 36.6262, 27.2952



Tritanopia

50.7036, 36.5282, 26.9325

Trichromacy



Original Color

50.8620, 36.3900, 28.3880

Protanomaly

39.2018, 35.2845, 34.0226

Deuteranomaly

41.3625, 35.8490, 27.6612

Tritanomaly

50.7737, 36.5562, 27.3017

Monochromacy



Original Color

50.8620, 36.3900, 28.3880

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.8283, 35.2973, 35.3384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8620, 36.3900, 28.3880 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(249, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(249, 124, 138)  
}
```

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(249, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 124, 138) }
```

Border

The CSS property to change the border of an element to XYZ 50.8620, 36.3900, 28.3880 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(249, 124, 138) }
```


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

```
.border{ border-color:rgb(249, 124, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 124, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 124, 138);  
box-shadow:4px 4px 4px 4px rgb(249, 124,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8620, 36.3900, 28.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 124, 138) }
```

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

```
.background{ background-color: rgb(249,  
124, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor