

# Converting Colors

XYZ(51.1054, 36.3054, 29.4842)

Have a look what the booklet for  
XYZ(51.1054, 36.3054, 29.4842)  
contains.

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# Color

**XYZ(50.9576, 36.2287,  
29.5064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F97B8D
RGB	249, 123, 141
RGB Percent	98%, 48%, 55%
CMY	0.0235, 0.5176, 0.4471
CMYK	0.00, 0.51, 0.43, 0.02
HSL	351°, 91%, 73%
HSV	351°, 51%, 98%
XYZ	50.9576, 36.2287, 29.5064
YIQ	162.7260, 69.3180, 32.3100

# Conversions

## Conversions Part 2

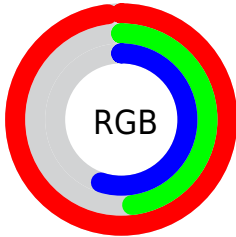
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 123, 141
Decimal	16350093
CIE Lab	66.69, 49.75, 13.15
CIE LCh	67, 51.456, 14.809
Yxy	36.2287, 0.4367, 0.3105
Android (android.graphics.Color)	4294540173 (0xFFFF97B8D)
YUV	162.7260, -10.7109, 75.6623
Hunter-Lab	60.1903, 45.7866, 13.0681

# Details

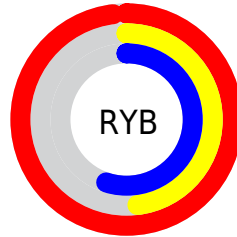
The XYZ color **50.9576, 36.2287, 29.5064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.4698, 77.7327, 87.6336**, and the grayscale version is **34.7107, 36.5183, 39.7684**.

A 20% lighter version of the original color is **66.8980, 56.9958, 58.5143**, and **25.0027, 15.8304, 11.6353** is the 20% darker color. If you saturate the color by 10%, you get **46.8140, 30.2429, 21.0305**, and if you desaturate by 10%, it is **56.1946, 43.9114, 39.8573**.

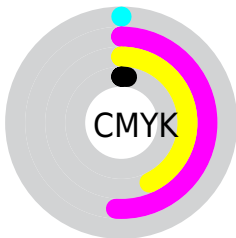
# Distribution



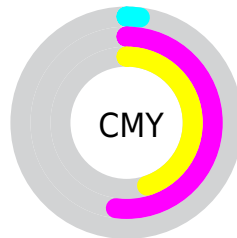
- Red (98%)
- Green (48%)
- Blue (55%)



- Red (98%)
- Yellow (48%)
- Blue (55%)



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (2%)




- Cyan (2%)
- Magenta (52%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9576, 36.2287, 29.5064 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 50.9576, 36.2287, 29.5064 by changing the saturation by 10% instead.





 50.9576, 36.2287,  
29.5064


 50.9576, 36.2287,  
29.5064


380.7894,  
329.9590, 313.7322


 36.3958, 24.6109,  
19.2154


 90.7755, 69.3849,  
59.9324

 24.9115, 15.7874,  
11.6476


 116.7622, 91.6921,  
80.9045

 16.1395, 9.3738,  
6.3846


 147.2880,  
118.3312, 106.2741

 9.7144, 4.9858,  
3.0078

182.7181,  
149.6866, 136.4596

 5.2708, 2.2389,  
1.0986

223.4179,  
186.1427, 171.8796

 2.4434, 0.7411,  
0.0000

269.7529,


 0.8668, 0.0000,


228.0838, 212.9527


0.0000


322.0882,  
275.8945, 260.0974


 0.0000, 0.0000,  
0.0000

 50.9576, 36.2287,  
29.5064


 50.9576, 36.2287,  
29.5064


 46.8140, 30.2429,  
21.0305


 56.1946, 43.9114,  
39.8573


 43.6825, 25.8199,  
14.3144


 62.5927, 53.4007,  
52.1849


 41.4749, 22.8142,  
9.2331

 70.2175, 64.8036,  
66.5858

 40.0861, 21.0507,  
5.6439

 79.1290, 78.2172,  
83.1496

 39.3786, 20.2644,  
3.4701

 89.3829, 93.7319,  
101.9608

92.8769, 98.8797,  
108.7983

# Harmonies

## Analogous

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



50.9242, 36.2287, 51.7299



50.9576, 36.2287, 29.5064



46.1349, 36.2287, 16.3541

# Triad

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



50.9576, 36.2287, 29.5064



24.9575, 36.2287, 16.2425



30.6726, 36.2287, 96.6861

# Complementary

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



50.9576, 36.2287, 29.5064



56.4698, 77.7327, 87.6336

# 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.



24.9008, 36.2287, 77.8509



50.9576, 36.2287, 29.5064



21.9544, 36.2287, 29.2806

# Square

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



50.9576, 36.2287, 29.5064



30.7615, 36.2287, 10.8875



21.9354, 36.2287, 51.4014



38.3884, 36.2287, 96.8200



# Rectangle

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



50.9576, 36.2287, 29.5064



41.1797, 36.2287, 12.0469



21.9354, 36.2287, 51.4014



28.4689, 36.2287, 92.0898

# Sweetspot

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



50.9585, 36.2306, 29.5071



79.2018, 76.0423, 79.7600



56.8483, 37.8470, 93.9314



16.5305, 15.6413, 16.2871



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.



50.9585, 36.2306, 29.5071



49.2367, 31.6660, 21.8207



56.4804, 49.2458, 25.2699



17.3456, 17.2656, 18.4095



21.1092, 10.8594, 2.0173



1.9847, 1.0176, 0.3428



# Inverse Universe

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



50.9585, 36.2306, 29.5071



49.2367, 31.6660, 21.8207



47.0763, 54.6671, 97.6930



17.3456, 17.2656, 18.4095



21.1092, 10.8594, 2.0173



1.9847, 1.0176, 0.3428



# Previews

## White Background



This preview shows how the XYZ color 50.9576, 36.2287, 29.5064 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

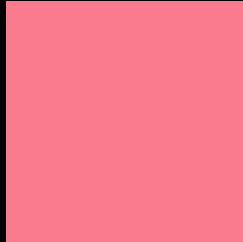
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 50.9576, 36.2287, 29.5064 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 50.9576, 36.2287, 29.5064**

## **Background**



This preview shows how black text looks on a background with the XYZ color 50.9576, 36.2287, 29.5064.



This preview shows how white text looks on a background with the XYZ color 50.9576, 36.2287,

29.5064.

# 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

50.9576, 36.2287, 29.5064

### Protanopia

35.1678, 36.5563, 39.3849

### Deuteranopia

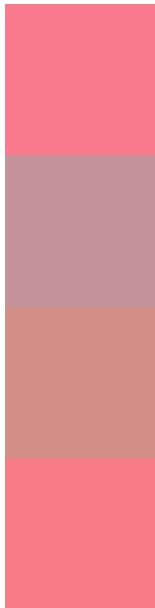
37.0007, 36.2176, 27.9622



## Tritanopia

50.1527, 36.0652, 26.5082

# Trichromacy



## Original Color

50.9576, 36.2287, 29.5064

## Protanomaly

39.1876, 35.2487, 35.3101

## Deuteranomaly

41.0670, 35.4543, 28.3458

## Tritanomaly

50.3630, 36.1493, 27.6157

# Monochromacy



## Original Color

50.9576, 36.2287, 29.5064

## Achromatopsia

34.8123, 36.6253, 39.8849

## Achromatomaly

38.7544, 35.0157, 35.7265

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.9576, 36.2287, 29.5064 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, 123, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 123, 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(249, 123, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 123, 141) }
```

## Border

The CSS property to change the border of an element to XYZ 50.9576, 36.2287, 29.5064 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, 123, 141) }
```



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

```
.border{ border-color:rgb(249, 123, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 123, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 123, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 123, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 123,  
141) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.9576, 36.2287, 29.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 123, 141) }
```

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

```
.background{ background-color: rgb(249,  
123, 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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