

# Converting Colors

XYZ(57.1048, 44.0521, 34.7713)

Have a look what the booklet for  
XYZ(57.1048, 44.0521, 34.7713)  
contains.

<b>XYZ(57.1048, 44.0521, 34.7713)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(57.1048, 44.0521,  
34.7713)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF9297
RGB	255, 146, 151
RGB Percent	100%, 57%, 59%
CMY	0.0000, 0.4274, 0.4078
CMYK	0.00, 0.43, 0.41, 0.00
HSL	357°, 100%, 79%
HSV	357°, 43%, 100%
XYZ	57.1048, 44.0521, 34.7713
YIQ	179.1610, 63.3590, 24.6630

# Conversions

## Conversions Part 2

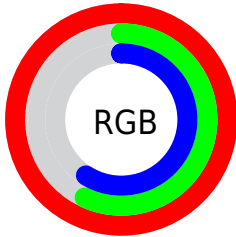
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 146, 151
Decimal	16749207
CIE Lab	72.26, 41.46, 15.47
CIE LCh	72, 44.253, 20.466
Yxy	44.0521, 0.4201, 0.3241
Android (android.graphics.Color)	4294939287 (0xFFFF9297)
YUV	179.1610, -13.8834, 66.5108
Hunter-Lab	66.3718, 37.4269, 15.3990

# Details

The XYZ color **57.1048, 44.0521, 34.7713** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8715, 84.5341, 103.3449**, and the grayscale version is **42.9828, 45.2212, 49.2459**.

A 20% lighter version of the original color is **73.1461, 67.4411, 66.9198**, and **28.7203, 20.3509, 14.4710** is the 20% darker color. If you saturate the color by 10%, you get **51.8268, 36.3389, 24.2485**, and if you desaturate by 10%, it is **63.6694, 53.6860, 47.7356**.

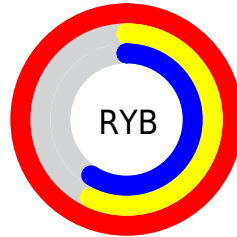
# Distribution



Red (100%)

Green (57%)

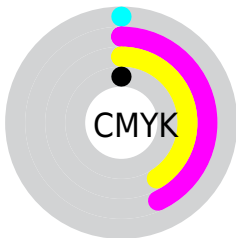
Blue (59%)



Red (100%)

Yellow (57%)

Blue (59%)

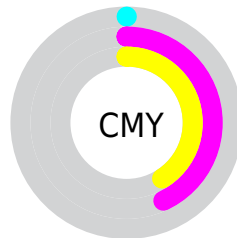


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (43%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1048, 44.0521, 34.7713 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 57.1048, 44.0521, 34.7713 by changing the saturation by 10% instead.





 57.1048, 44.0521,  
34.7713

 57.1048, 44.0521,  
34.7713


403.8497,  
362.9208, 338.4312

 41.3299, 30.7115,  
23.2046

 99.7486, 81.2961,  
68.2789

 28.7657, 20.3792,  
14.5379


 127.3481,  
105.9683, 91.0568

 19.0471, 12.6710,  
8.3528


159.6199,  
135.1865, 118.4090

 11.8085, 7.2024,  
4.2305

196.9292,  
169.3350, 150.7538

 6.6847, 3.5890,  
1.7526

239.6415,  
208.7984, 188.5100

 3.3103, 1.4464,  
0.3964

288.1222,

 1.3199, 0.2506,

253.9608, 232.0959

0.0000

342.7364,  
305.2069, 281.9301

■ 0.1980, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.1048, 44.0521,  
34.7713

■ 57.1048, 44.0521,  
34.7713

■ 51.8268, 36.3389,  
24.2485

■ 63.6694, 53.6860,  
47.7356

■ 47.7479, 30.4117,  
16.0119

■ 71.5939, 65.3501,  
63.2785

■ 44.7748, 26.1290,  
9.8924

■ 80.9501, 79.1539,  
81.5297

■ 42.7992, 23.3252,  
5.6966

■ 91.8037, 95.1967,  
102.6097

■ 41.6906, 21.7996, 95.0500, 100.0000,  
3.1952 108.9000

■ 41.3044, 21.2858,  
2.2694

# Harmonies

## Analogous

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



57.9954, 44.0521, 55.2351



57.1048, 44.0521, 34.7713



51.8761, 44.0521, 22.3895

# Triad

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



57.1048, 44.0521, 34.7713



31.5822, 44.0521, 25.9559



39.4965, 44.0521, 102.1978

# Complementary

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



57.1048, 44.0521, 34.7713



64.8715, 84.5341, 103.3449

# 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.



33.2415, 44.0521, 88.0171



57.1048, 44.0521, 34.7713



29.0508, 44.0521, 41.3631

# Square

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



57.1048, 44.0521, 34.7713



36.9664, 44.0521, 18.4726



29.6191, 44.0521, 64.1346



47.1896, 44.0521, 98.8192



# Rectangle

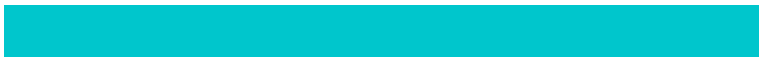
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1048, 44.0521, 34.7713



46.9480, 44.0521, 18.3496



29.6191, 44.0521, 64.1346



37.1724, 44.0521, 99.1968

# Sweetspot

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



57.1059, 44.0543, 34.7721



80.6905, 78.7705, 81.0245



67.5933, 48.0209, 100.3141



16.8038, 16.1702, 16.4326



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.



57.1059, 44.0543, 34.7721



52.6578, 37.5508, 25.9130



65.9560, 62.3899, 35.7632



18.0431, 18.0006, 18.8441



21.5968, 11.1280, 1.2613



2.1141, 1.0880, 0.1825



# Inverse Universe

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



57.1059, 44.0543, 34.7721



52.6578, 37.5508, 25.9130



51.9653, 57.4517, 102.9581



18.0431, 18.0006, 18.8441



21.5968, 11.1280, 1.2613

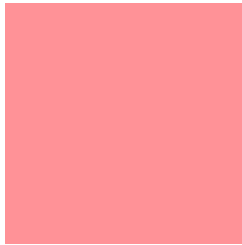


2.1141, 1.0880, 0.1825



# Previews

## White Background



This preview shows how the XYZ color 57.1048, 44.0521, 34.7713 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

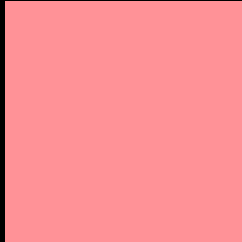
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.1048, 44.0521, 34.7713 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 57.1048, 44.0521, 34.7713**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.1048, 44.0521, 34.7713.



This preview shows how white text looks on a background with the XYZ color 57.1048, 44.0521,

34.7713.

# 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

57.1048, 44.0521, 34.7713

### Protanopia

42.2256, 44.3016, 42.8847

### Deuteranopia

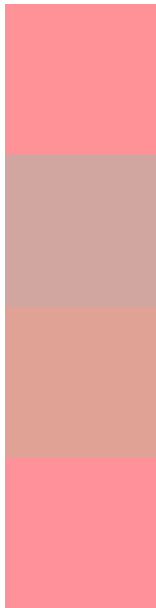
45.2830, 44.3542, 33.7783



## Tritanopia

57.3661, 43.9111, 36.9047

# Trichromacy



## Original Color

57.1048, 44.0521, 34.7713

## Protanomaly

46.3637, 43.4010, 39.6518

## Deuteranomaly

49.0061, 43.8261, 33.8933

## Tritanomaly

57.1981, 43.8439, 36.0199

# Monochromacy



## Original Color

57.1048, 44.0521, 34.7713

## Achromatopsia

42.8472, 45.0786, 49.0906

## Achromatomaly

46.7123, 43.7674, 43.5221

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.1048, 44.0521, 34.7713 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, 146, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 151)  
}
```

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, 146, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 151) }
```

## Border

The CSS property to change the border of an element to XYZ 57.1048, 44.0521, 34.7713 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, 146, 151) }
```



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

```
.border{ border-color:rgb(255, 146, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
151) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.1048, 44.0521, 34.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 151) }
```

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

```
.background{ background-color: rgb(255,  
146, 151) }
```

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