

Converting Colors

XYZ(57.5452, 49.7091, 31.5927)

Have a look what the booklet for
XYZ(57.5452, 49.7091, 31.5927)
contains.

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Color

**XYZ(57.6934, 49.7003,
31.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A78D
RGB	249, 167, 141
RGB Percent	98%, 65%, 55%
CMY	0.0235, 0.3451, 0.4471
CMYK	0.00, 0.33, 0.43, 0.02
HSL	14°, 90%, 76%
HSV	14°, 43%, 98%
XYZ	57.6934, 49.7003, 31.7516
YIQ	188.5540, 57.2180, 9.2980

Conversions

Conversions Part 2

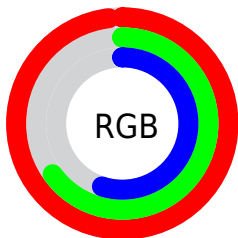
Format	Color
R _Y B	249, 175, 141
Decimal	16361357
CIE Lab	75.88, 27.29, 25.80
CIE LCh	76, 37.555, 43.383
Yxy	49.7003, 0.4146, 0.3572
Android (android.graphics.Color)	4294551437 (0xFFF9A78D)
YUV	188.5540, -23.4441, 53.0111
Hunter-Lab	70.4984, 22.7057, 22.6454

Details

The XYZ color **57.6934, 49.7003, 31.7516** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.4698, 65.2748, 99.3509**, and the grayscale version is **48.2230, 50.7343, 55.2497**.

A 20% lighter version of the original color is **77.4780, 77.9755, 62.5970**, and **29.1408, 23.7371, 12.9434** is the 20% darker color. If you saturate the color by 10%, you get **52.8312, 42.6150, 21.9949**, and if you desaturate by 10%, it is **63.4809, 57.9696, 43.8724**.

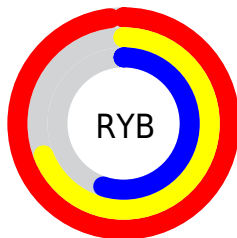
Distribution



Red (98%)

Green (65%)

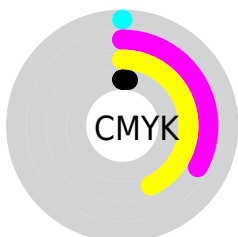
Blue (55%)



Red (98%)

Yellow (69%)

Blue (55%)

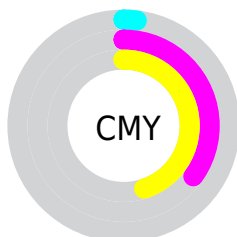


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6934, 49.7003, 31.7516 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 57.6934, 49.7003, 31.7516 by changing the saturation by 10% instead.


 57.6934, 49.7003,
31.7516


 57.6934, 49.7003,
31.7516


406.0148,
385.4928, 324.4439


 41.8045, 35.1753,
20.9086

 100.6018, 89.7307,
63.5149

 29.1387, 23.7980,
12.8666


 128.3520,
116.0049, 85.2722

 19.3306, 15.1838,
7.2071


 160.7867,
146.9642, 111.5047

 12.0148, 8.9485,
3.5116

198.2712,
182.9932, 142.6309

 6.8260, 4.7076,
1.3614

241.1709,
224.4761, 179.0694

 3.3989, 2.0767,
0.1113

289.8512,

 1.3681, 0.6515,

271.7974, 221.2387

0.0000

344.6774,
325.3415, 269.5574

■ 0.2333, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6934, 49.7003,
31.7516

■ 57.6934, 49.7003,
31.7516

■ 52.8312, 42.6150,
21.9949

■ 63.4809, 57.9696,
43.8724

■ 48.8403, 36.6513,
14.4434

■ 70.2361, 67.4668,
58.4962

■ 45.6669, 31.7520,
8.9228

■ 78.0033, 78.2427,
75.7546

■ 43.2487, 27.8516,
5.2312

■ 86.8226, 90.3429,
95.7691

■ 41.5131, 24.8764,
3.1237

■ 92.8769, 98.8797,
108.7983

■ 40.6805, 23.3670,
2.3662

Harmonies

Analogous

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



61.5545, 49.7003, 45.6873



57.6934, 49.7003, 31.7516



51.1866, 49.7003, 24.9802

Triad

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



57.6934, 49.7003, 31.7516



35.4966, 49.7003, 43.8389



50.4177, 49.7003, 100.8528

Complementary

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



57.6934, 49.7003, 31.7516



54.4698, 65.2748, 99.3509

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.



43.4991, 49.7003, 100.0039



57.6934, 49.7003, 31.7516



35.3346, 49.7003, 63.5206

Square

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



57.6934, 49.7003, 31.7516



38.5967, 49.7003, 30.6874



38.1300, 49.7003, 85.0871



57.0829, 49.7003, 87.1806

Rectangle

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



57.6934, 49.7003, 31.7516



46.4501, 49.7003, 24.0716



38.1300, 49.7003, 85.0871



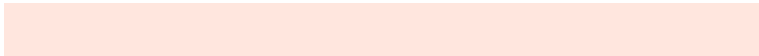
48.0361, 49.7003, 102.3412

Sweetspot

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



57.6947, 49.7027, 31.7526



82.6549, 83.0262, 80.6712



62.0194, 44.5608, 75.7114



17.2817, 17.2052, 16.3476



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.



57.6947, 49.7027, 31.7526



56.3877, 45.8951, 24.4293



69.5205, 73.3544, 35.6945



17.5839, 17.9037, 17.9914



21.8671, 12.6908, 1.2971



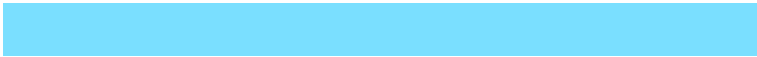
2.1039, 1.3327, 0.1463

Inverse Universe

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



54.4698, 65.2748, 99.3509



52.5394, 64.2000, 104.2305



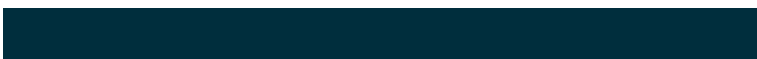
42.4210, 41.1773, 95.3346



17.3909, 18.8587, 22.1088



19.0146, 23.3849, 51.4851



1.8429, 2.3295, 4.7957

Previews

White Background



This preview shows how the XYZ color 57.6934, 49.7003, 31.7516 looks on a white background.

Color Contrast Check

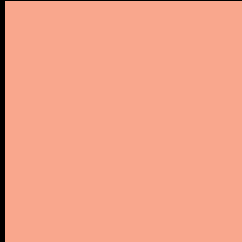
Large Text (above 18pt) WCAG AA × Fail

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 57.6934, 49.7003, 31.7516 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 57.6934, 49.7003, 31.7516

Background



This preview shows how black text looks on a background with the XYZ color 57.6934, 49.7003, 31.7516.



This preview shows how white text looks on a background with the XYZ color 57.6934, 49.7003,

31.7516.

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

57.6934, 49.7003, 31.7516

Protanopia

46.8285, 49.8848, 36.0148

Deuteranopia

50.8003, 49.8787, 31.3762



Tritanopia

60.7052, 49.5921, 46.4171

Trichromacy



Original Color

57.6934, 49.7003, 31.7516

Protanomaly

50.2030, 49.5008, 34.5124

Deuteranomaly

53.0186, 49.5423, 31.5792

Tritanomaly

59.5807, 49.6688, 40.6292

Monochromacy



Original Color

57.6934, 49.7003, 31.7516

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8342, 49.8752, 45.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6934, 49.7003, 31.7516 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, 167, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 167, 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, 167, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 167, 141) }
```

Border

The CSS property to change the border of an element to XYZ 57.6934, 49.7003, 31.7516 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, 167, 141) }
```


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

```
.border{ border-color:rgb(249, 167, 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, 167, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 167, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 167, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 167,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6934, 49.7003, 31.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 167, 141) }
```

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

```
.background{ background-color: rgb(249,  
167, 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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