

Converting Colors

XYZ(91.4578, 81.6186, 38.8139)

Have a look what the booklet for
XYZ(91.4578, 81.6186, 38.8139)
contains.

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Color

**XYZ(70.1288, 70.4851,
37.9258)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD494
RGB	255, 212, 148
RGB Percent	100%, 83%, 58%
CMY	0.0000, 0.1686, 0.4196
CMYK	0.00, 0.17, 0.42, 0.00
HSL	36°, 100%, 79%
HSV	36°, 42%, 100%
XYZ	70.1288, 70.4851, 37.9258
YIQ	217.5610, 46.1720, -10.7880

Conversions

Conversions Part 2

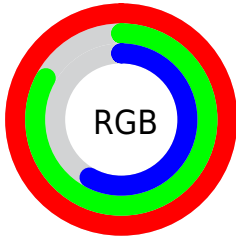
Format	Color
R _Y B	220, 255, 148
Decimal	16766100
CIE Lab	87.23, 6.83, 37.27
CIE LCh	87, 37.892, 79.608
Yxy	70.4851, 0.3928, 0.3948
Android (android.graphics.Color)	4294956180 (0xFFFFD494)
YUV	217.5610, -34.2936, 32.8340
Hunter-Lab	83.9554, 2.1809, 31.9853

Details

The XYZ color **70.1288, 70.4851, 37.9258** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8929, 50.7757, 101.8314**, and the grayscale version is **66.5461, 70.0117, 76.2427**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **37.1031, 37.0340, 16.2591** is the 20% darker color. If you saturate the color by 10%, you get **65.8483, 64.8063, 27.6142**, and if you desaturate by 10%, it is **75.0200, 76.6736, 50.6359**.

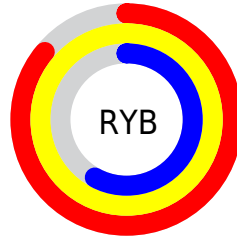
Distribution



Red (100%)

Green (83%)

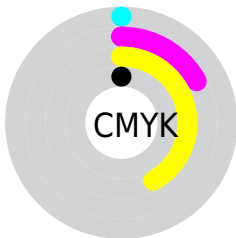
Blue (58%)



Red (86%)

Yellow (100%)

Blue (58%)

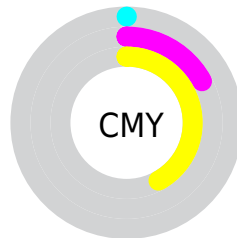


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1288, 70.4851, 37.9258 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 70.1288, 70.4851, 37.9258 by changing the saturation by 10% instead.


 70.1288, 70.4851,
37.9258


 70.1288, 70.4851,
37.9258

450.2615,
462.2514, 352.5902

 51.9115, 51.9221,
25.6237


 118.4177,
119.9003, 73.1966

 37.1585, 36.9430,
16.3191


 149.2200,
151.5213, 97.0023

 25.5045, 25.1634,
9.5935


184.9480,
188.2637, 125.4797

 16.5841, 16.1988,
5.0282

225.9671,
230.5120, 159.0473

 10.0318, 9.6649,
2.2048

272.6427,
278.6505, 198.1236

 5.4825, 5.1774,
0.6771

325.3400,

 2.5707, 2.3517,

333.0636, 243.1271

0.0000

384.4245,
394.1358, 294.4765

■ 0.9310, 0.8009,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1288, 70.4851,
37.9258

■ 70.1288, 70.4851,
37.9258

■ 65.8483, 64.8063,
27.6142

■ 75.0200, 76.6736,
50.6359

■ 62.1408, 59.6093,
19.5404

■ 80.5463, 83.3782,
65.8825

■ 58.9718, 54.8781,
13.5305

■ 86.7372, 90.6180,
83.7981

■ 56.3001, 50.5912,
9.3827

■ 93.6183, 98.4076,
104.5046

■ 54.0764, 46.7235, 95.0500, 100.0000,
6.8539 108.9000

■ 52.5556, 43.8912,
5.7019

Harmonies

Analogous

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



78.7077, 70.4851, 45.1408



70.1288, 70.4851, 37.9258



61.4131, 70.4851, 39.2142

Triad

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



70.1288, 70.4851, 37.9258



52.1305, 70.4851, 94.3980



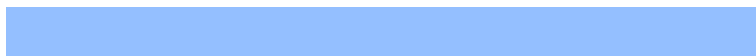
80.8927, 70.4851, 113.0920

Complementary

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



70.1288, 70.4851, 37.9258



48.8929, 50.7757, 101.8314

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.



72.9031, 70.4851, 132.7976



70.1288, 70.4851, 37.9258



56.5042, 70.4851, 120.4577

Square

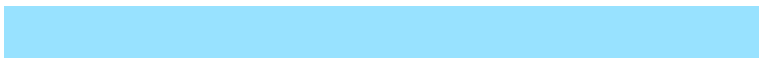
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1288, 70.4851, 37.9258



51.5307, 70.4851, 68.2401



63.9540, 70.4851, 135.7572



85.2772, 70.4851, 85.9316

Rectangle

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



70.1288, 70.4851, 37.9258



56.6645, 70.4851, 44.8389



63.9540, 70.4851, 135.7572



78.5082, 70.4851, 121.0408

Sweetspot

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



70.1305, 70.4884, 37.9272



86.0616, 89.8397, 81.8067



61.4095, 46.2722, 55.9042



18.1191, 18.8800, 16.6268



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.



70.1305, 70.4884, 37.9272



66.6413, 65.8812, 29.4539



79.1407, 93.2660, 41.8489



18.9131, 19.7944, 18.9682



27.6116, 23.2345, 3.0294



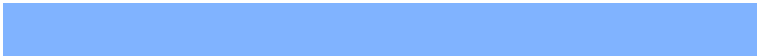
2.7955, 2.4765, 0.3307

Inverse Universe

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



48.8929, 50.7757, 101.8314



42.9434, 43.9032, 100.8185



42.5290, 35.5604, 99.2300



17.6021, 18.5757, 22.9077



12.0747, 9.0590, 50.5467



1.2793, 1.0892, 4.9561

Previews

White Background



This preview shows how the XYZ color 70.1288, 70.4851, 37.9258 looks on a white background.

Color Contrast Check

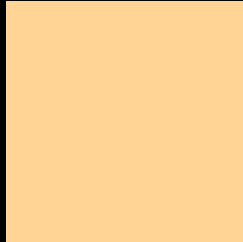
Large Text (above 18pt) WCAG AA × Fail

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 70.1288, 70.4851, 37.9258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

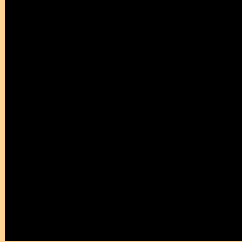
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1288, 70.4851, 37.9258

Background



This preview shows how black text looks on a background with the XYZ color 70.1288, 70.4851, 37.9258.



This preview shows how white text looks on a background with the XYZ color 70.1288, 70.4851,

37.9258.

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

70.1288, 70.4851, 37.9258

Protanopia

65.8425, 70.9019, 39.4933

Deuteranopia

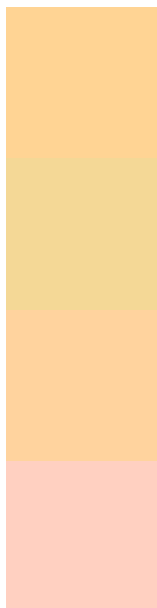
71.1451, 70.4929, 44.5071



Tritanopia

76.0975, 70.5171, 76.6182

Trichromacy



Original Color

70.1288, 70.4851, 37.9258

Protanomaly

67.3691, 70.5468, 38.9203

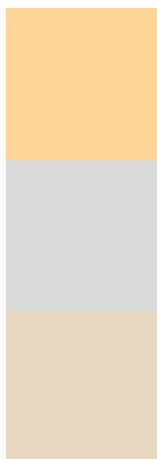
Deuteranomaly

70.7058, 70.3172, 42.1937

Tritanomaly

73.4215, 70.2220, 60.1365

Monochromacy



Original Color

70.1288, 70.4851, 37.9258

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1365, 69.9509, 60.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1288, 70.4851, 37.9258 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, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 148)  
}
```

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, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 148) }
```

Border

The CSS property to change the border of an element to XYZ 70.1288, 70.4851, 37.9258 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, 212, 148) }
```


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

```
.border{ border-color:rgb(255, 212, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1288, 70.4851, 37.9258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 148) }
```

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

```
.background{ background-color: rgb(255,  
212, 148) }
```

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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