

Converting Colors

XYZ(91.6314, 78.7102, 50.2853)

Have a look what the booklet for
XYZ(91.6314, 78.7102, 50.2853)
contains.

XYZ(70.7113, 67.9786, 49.4387)	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(70.7113, 67.9786,
49.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDAE
RGB	255, 205, 174
RGB Percent	100%, 80%, 68%
CMY	0.0000, 0.1961, 0.3176
CMYK	0.00, 0.20, 0.32, 0.00
HSL	23°, 100%, 84%
HSV	23°, 32%, 100%
XYZ	70.7113, 67.9786, 49.4387
YIQ	216.4160, 39.7510, 0.9590

Conversions

Conversions Part 2

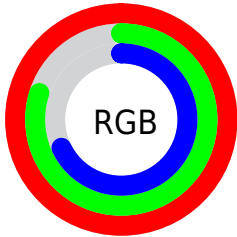
Format	Color
RYB	255, 224, 174
Decimal	16764334
CIELab	86.00, 13.42, 22.13
CIELCh	86, 25.885, 58.770
Yxy	67.9786, 0.3759, 0.3613
Android (android.graphics.Color)	4294954414 (0xFFFFCDAE)
YUV	216.4160, -20.9111, 33.8382
Hunter-Lab	82.4491, 8.8019, 22.1625

Details

The XYZ color **70.7113, 67.9786, 49.4387** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.1604, 69.5277, 104.7517**, and the grayscale version is **65.6746, 69.0948, 75.2443**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **37.5438, 35.3840, 22.9402** is the 20% darker color. If you saturate the color by 10%, you get **64.8802, 59.9243, 36.3726**, and if you desaturate by 10%, it is **77.3964, 76.9854, 65.1192**.

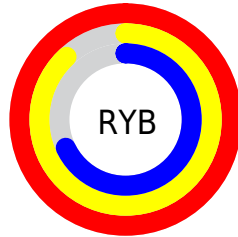
Distribution



Red (100%)

Green (80%)

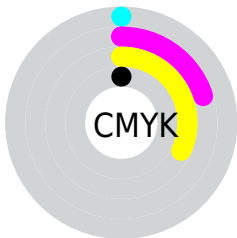
Blue (68%)



Red (100%)

Yellow (88%)

Blue (68%)

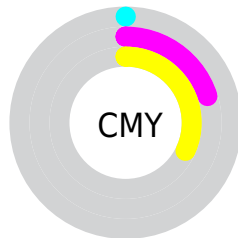


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7113, 67.9786, 49.4387 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 70.7113, 67.9786, 49.4387 by changing the saturation by 10% instead.


 70.7113, 67.9786,
49.4387

 70.7113, 67.9786,
49.4387


452.2711,
453.4202, 401.1388

 52.3883, 49.8803,
34.5996


 119.2433,
116.3215, 90.7304

 37.5402, 35.3183,
23.0735


150.1830,
147.3350, 118.0200

 25.8016, 23.9082,
14.4420


186.0591,
183.4223, 150.2969

 16.8072, 15.2655,
8.2865

227.2368,
224.9678, 187.9796

 10.1916, 9.0059,
4.1884

274.0815,
272.3560, 231.4865

 5.5894, 4.7451,
1.7293

326.9585,

 2.6353, 2.0985,

325.9711, 281.2364

0.3807

386.2333,
386.1978, 337.6476

■ 0.9640, 0.6638,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7113, 67.9786,
49.4387

■ 70.7113, 67.9786,
49.4387

■ 64.8802, 59.9243,
36.3726

■ 77.3964, 76.9854,
65.1192

■ 59.8603, 52.7802,
25.7721

■ 84.9660, 86.9666,
83.5434

■ 55.6121, 46.5143,
17.4794

■ 93.4548, 97.9550,
104.8371

■ 52.0902, 41.0888,
11.3167

95.0500, 100.0000,
108.9000

■ 49.2438, 36.4626,
7.0795

■ 47.0132, 32.5898,
4.5221

■ 45.5712, 29.9224,
3.3737

Harmonies

Analogous

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



75.1407, 67.9786, 59.3743



70.7113, 67.9786, 49.4387



64.8570, 67.9786, 45.9127

Triad

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



70.7113, 67.9786, 49.4387



53.8601, 67.9786, 73.3176



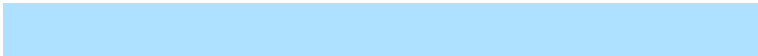
70.2616, 67.9786, 106.5231

Complementary

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



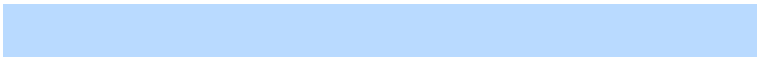
70.7113, 67.9786, 49.4387



62.1604, 69.5277, 104.7517

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.



64.3669, 67.9786, 111.7393



70.7113, 67.9786, 49.4387



55.1152, 67.9786, 90.8889

Square

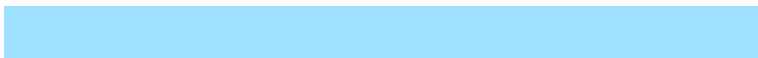
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7113, 67.9786, 49.4387



55.3358, 67.9786, 58.3311



58.8732, 67.9786, 105.6311



74.8700, 67.9786, 92.2898

Rectangle

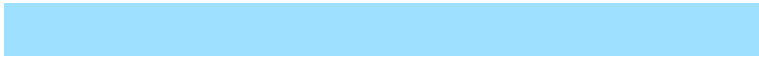
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7113, 67.9786, 49.4387



61.0085, 67.9786, 47.1830



58.8732, 67.9786, 105.6311



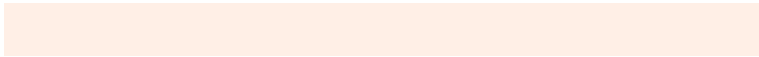
68.3538, 67.9786, 109.4772

Sweetspot

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



70.7130, 67.9817, 49.4401



86.3957, 88.8310, 87.0879



70.0080, 56.9854, 78.7588



18.2479, 18.6950, 18.0344



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.



70.7130, 67.9817, 49.4401



66.9782, 62.8481, 40.9937



81.2911, 89.1380, 52.9661



18.5793, 19.1268, 18.8569



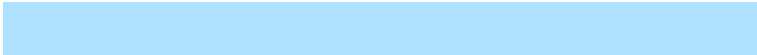
23.9449, 15.9011, 1.8072



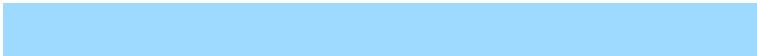
2.4331, 1.7516, 0.2099

Inverse Universe

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



62.1604, 69.5277, 104.7517



57.2179, 64.5946, 104.0600



52.8134, 50.8338, 101.6361



17.9367, 19.2450, 23.0192



15.9150, 16.7396, 51.8268



1.6553, 1.8413, 5.0814

Previews

White Background



This preview shows how the XYZ color 70.7113, 67.9786, 49.4387 looks on a white background.

Color Contrast Check

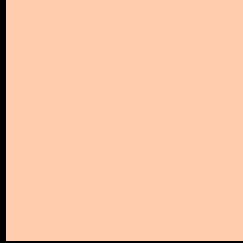
Large Text (above 18pt) WCAG AA × Fail

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 70.7113, 67.9786, 49.4387 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 70.7113, 67.9786, 49.4387

Background



This preview shows how black text looks on a background with the XYZ color 70.7113, 67.9786, 49.4387.



This preview shows how white text looks on a background with the XYZ color 70.7113, 67.9786,

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

70.7113, 67.9786, 49.4387

Protanopia

64.1157, 68.1864, 52.4299

Deuteranopia

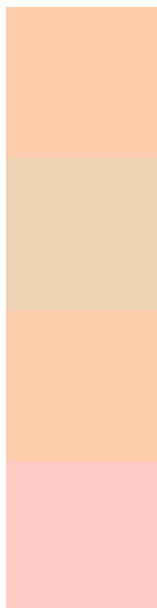
69.3771, 68.0056, 49.5142



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

70.7113, 67.9786, 49.4387

Protanomaly

66.1551, 67.7674, 51.1886

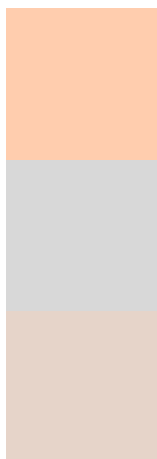
Deuteranomaly

69.8562, 67.8941, 49.4674

Tritanomaly

72.7859, 67.6712, 63.8692

Monochromacy



Original Color

70.7113, 67.9786, 49.4387

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.7192, 68.1270, 64.8917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7113, 67.9786, 49.4387 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, 205, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 174)  
}
```

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, 205, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 174) }
```

Border

The CSS property to change the border of an element to XYZ 70.7113, 67.9786, 49.4387 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, 205, 174) }
```


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

```
.border{ border-color:rgb(255, 205, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 174); box-shadow:4px 4px 4px 4px rgb(255, 205, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7113, 67.9786, 49.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 174) }
```

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

```
.background{ background-color: rgb(255,  
205, 174) }
```

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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