

Converting Colors

XYZ(84.3419, 75.6786, 47.6848)

Have a look what the booklet for
XYZ(84.3419, 75.6786, 47.6848)
contains.

XYZ(70.7143, 68.7502, 47.0792)	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(70.7143, 68.7502,
47.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFA9
RGB	255, 207, 169
RGB Percent	100%, 81%, 66%
CMY	0.0000, 0.1882, 0.3372
CMYK	0.00, 0.19, 0.34, 0.00
HSL	27°, 100%, 83%
HSV	27°, 34%, 100%
XYZ	70.7143, 68.7502, 47.0792
YIQ	217.0200, 40.8060, -1.6420

Conversions

Conversions Part 2

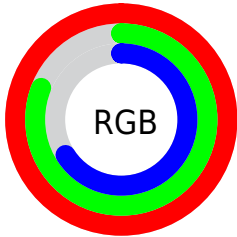
Format	Color
R _Y B	255, 237, 169
Decimal	16764841
CIE Lab	86.38, 11.77, 25.28
CIE LCh	86, 27.888, 65.036
Yxy	68.7502, 0.3791, 0.3685
Android (android.graphics.Color)	4294954921 (0xFFFFCFA9)
YUV	217.0200, -23.6739, 33.3085
Hunter-Lab	82.9157, 7.1303, 24.3764

Details

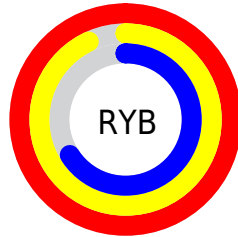
The XYZ color **70.7143, 68.7502, 47.0792** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2243, 65.2786, 104.0863**, and the grayscale version is **66.1060, 69.5487, 75.7385**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **37.6281, 35.9371, 21.7830** is the 20% darker color. If you saturate the color by 10%, you get **65.2564, 61.2991, 34.5789**, and if you desaturate by 10%, it is **76.9532, 77.0159, 62.1446**.

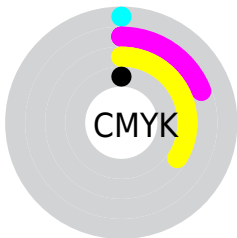
Distribution



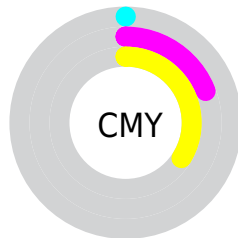
- Red (100%)
- Green (81%)
- Blue (66%)



- Red (100%)
- Yellow (93%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7143, 68.7502, 47.0792 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 70.7143, 68.7502, 47.0792 by changing the saturation by 10% instead.


 70.7143, 68.7502,
47.0792

 70.7143, 68.7502,
47.0792


452.2815,
456.1494, 391.5335

 52.3908, 50.5083,
32.7435


 119.2476,
117.4247, 87.1831

 37.5422, 35.8174,
21.6605

150.1880,
148.6261, 113.7883

 25.8031, 24.2932,
13.4117


186.0648,
184.9161, 145.3204

 16.8083, 15.5513,
7.5786

227.2433,
226.6792, 182.1979

 10.1924, 9.2072,
3.7426

274.0889,
274.2997, 224.8395

 5.5899, 4.8766,
1.4852

326.9668,

 2.6357, 2.1750,

328.1619, 273.6636

0.2069

386.2426,
388.6504, 329.0887

■ 0.9642, 0.7063,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7143, 68.7502,
47.0792

■ 70.7143, 68.7502,
47.0792

■ 65.2564, 61.2991,
34.5789

■ 76.9532, 77.0159,
62.1446

■ 60.5390, 54.6259,
24.4932

■ 84.0011, 86.1126,
79.9055

■ 56.5254, 48.7047,
16.6623

■ 91.8904, 96.0677,
100.4882

■ 53.1727, 43.5043,
10.9051

95.0500, 100.0000,
108.9000

■ 50.4323, 38.9901,
7.0118

■ 48.2466, 35.1235,
4.7269

■ 47.1106, 33.0012,
3.8869

Harmonies

Analogous

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



76.0226, 68.7502, 56.2802



70.7143, 68.7502, 47.0792



64.2636, 68.7502, 44.7848

Triad

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



70.7143, 68.7502, 47.0792



53.7648, 68.7502, 78.0151



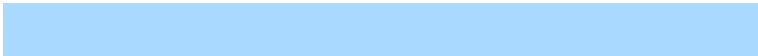
72.7183, 68.7502, 107.8280

Complementary

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



70.7143, 68.7502, 47.0792



59.2243, 65.2786, 104.0863

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.



66.4385, 68.7502, 116.0543



70.7143, 68.7502, 47.0792



55.7172, 68.7502, 97.1292

Square

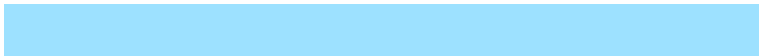
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7143, 68.7502, 47.0792



54.7450, 68.7502, 60.8592



60.2546, 68.7502, 111.8493



77.2319, 68.7502, 90.8523

Rectangle

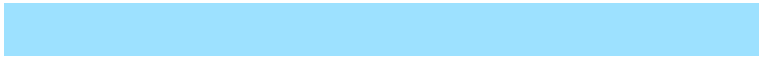
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7143, 68.7502, 47.0792



60.2413, 68.7502, 47.0930



60.2546, 68.7502, 111.8493



70.7291, 68.7502, 111.8247

Sweetspot

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



70.7160, 68.7534, 47.0806



86.8398, 89.7190, 87.2359



68.0484, 54.6846, 73.1160



18.3551, 18.9093, 18.0701



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.



70.7160, 68.7534, 47.0806



67.2012, 63.9829, 38.9450



82.3598, 92.0410, 50.9619



18.6700, 19.3082, 18.8872



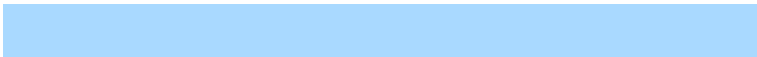
24.7594, 17.5301, 2.0787



2.5175, 1.9203, 0.2380

Inverse Universe

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



59.2243, 65.2786, 104.0863



54.2147, 60.0479, 103.3407



49.6910, 46.2121, 100.9086



17.8439, 19.0593, 22.9883



14.6613, 14.2323, 51.4090



1.5365, 1.6037, 5.0418

Previews

White Background



This preview shows how the XYZ color 70.7143, 68.7502, 47.0792 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 70.7143, 68.7502, 47.0792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

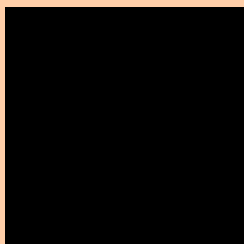
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7143, 68.7502, 47.0792

Background



This preview shows how black text looks on a background with the XYZ color 70.7143, 68.7502, 47.0792.



This preview shows how white text looks on a background with the XYZ color 70.7143, 68.7502,

47.0792.

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

70.7143, 68.7502, 47.0792

Protanopia

64.7318, 68.9519, 49.4325

Deuteranopia

70.2253, 68.8590, 47.1260



Tritanopia

74.9906, 68.9297, 74.3181

Trichromacy



Original Color

70.7143, 68.7502, 47.0792

Protanomaly

66.8372, 68.9178, 48.8095

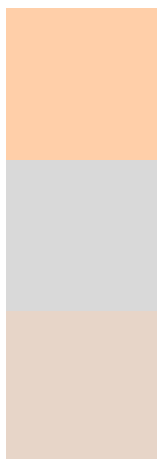
Deuteranomaly

70.5904, 69.0472, 47.1430

Tritanomaly

73.1417, 68.5693, 63.4130

Monochromacy



Original Color

70.7143, 68.7502, 47.0792

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.1746, 68.7476, 64.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7143, 68.7502, 47.0792 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, 207, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 169)  
}
```

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, 207, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 169) }
```

Border

The CSS property to change the border of an element to XYZ 70.7143, 68.7502, 47.0792 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, 207, 169) }
```


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

```
.border{ border-color:rgb(255, 207, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7143, 68.7502, 47.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 169) }
```

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

```
.background{ background-color: rgb(255,  
207, 169) }
```

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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