

Converting Colors

XYZ(72.7019, 72.7255, 47.7417)

Have a look what the booklet for XYZ(72.7019, 72.7255, 47.7417) contains.

- XYZ(72.7019, 72.7255, 47.7417) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(72.7019, 72.7255,
47.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7A9
RGB	255, 215, 169
RGB Percent	100%, 84%, 66%
CMY	0.0000, 0.1568, 0.3372
CMYK	0.00, 0.16, 0.34, 0.00
HSL	32°, 100%, 83%
HSV	32°, 34%, 100%
XYZ	72.7019, 72.7255, 47.7417
YIQ	221.7160, 38.6060, -5.8260

Conversions

Conversions Part 2

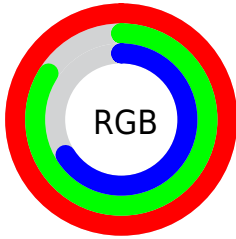
Format	Color
R_{YB}	244, 255, 169
Decimal	16766889
CIE _{Lab}	88.32, 7.63, 27.91
CIE _{LCh}	88, 28.939, 74.714
Yxy	72.7255, 0.3764, 0.3765
Android (android.graphics.Color)	4294956969 (0xFFFFD7A9)
YUV	221.7160, -25.9890, 29.1901
Hunter-Lab	85.2792, 2.9354, 26.5033

Details

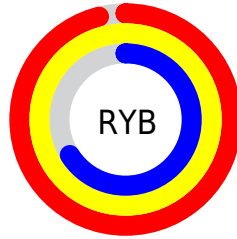
The XYZ color **72.7019, 72.7255, 47.7417** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.2119, 61.2538, 103.4155**, and the grayscale version is **69.3908, 73.0045, 79.5019**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **38.8076, 38.2963, 22.1762** is the 20% darker color. If you saturate the color by 10%, you get **67.6269, 66.0401, 35.3691**, and if you desaturate by 10%, it is **78.4663, 80.0422, 62.6490**.

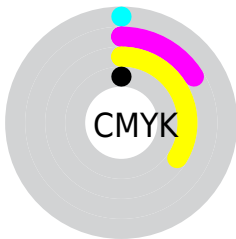
Distribution



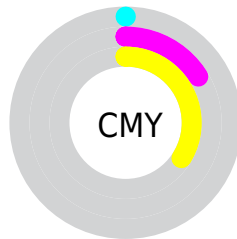
- Red (100%)
- Green (84%)
- Blue (66%)



- Red (96%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7019, 72.7255, 47.7417 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 72.7019, 72.7255, 47.7417 by changing the saturation by 10% instead.


 72.7019, 72.7255,
47.7417

 72.7019, 72.7255,
47.7417


459.1008,
470.0629, 394.2465

 54.0198, 53.7515,
33.2638


 122.0593,
123.0874, 88.1812

 38.8482, 38.4031,
22.0559


153.4653,
155.2442, 114.9800

 26.8218, 26.2957,
13.6993


189.8434,
192.5640, 146.7228

 17.5754, 17.0450,
7.7754

231.5587,
235.4313, 183.8282

 10.7434, 10.2666,
3.8659

278.9768,
284.2305, 226.7147

 5.9606, 5.5760,
1.5521

332.4629,

 2.8616, 2.5890,

339.3458, 275.8009

0.2563

392.3825,
401.1618, 331.5053

■ 1.0810, 0.9212,
0.0000

■ 0.0091, 0.0000,
0.0000

■ 72.7019, 72.7255,
47.7417

■ 72.7019, 72.7255,
47.7417

■ 67.6269, 66.0401,
35.3691

■ 78.4663, 80.0422,
62.6490

■ 63.2040, 59.9558,
25.3815

■ 84.9443, 87.9990,
80.2199

■ 59.4002, 54.4544,
17.6206

■ 92.1652, 96.6173,
100.5798

■ 56.1768, 49.5125,
11.9065

95.0500, 100.0000,
108.9000

■ 53.4894, 45.1042,
8.0308

■ 51.2847, 41.1997,
5.7396

■ 50.1023, 38.9847,
4.8841

Harmonies

Analogous

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



79.0479, 72.7255, 55.2227



72.7019, 72.7255, 47.7417



65.7885, 72.7255, 47.6714

Triad

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



72.7019, 72.7255, 47.7417



57.0017, 72.7255, 89.2965



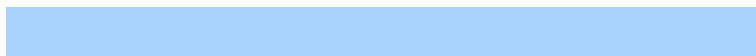
78.9451, 72.7255, 109.5716

Complementary

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



72.7019, 72.7255, 47.7417



57.2119, 61.2538, 103.4155

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.



72.5691, 72.7255, 122.2064



72.7019, 72.7255, 47.7417



60.0664, 72.7255, 109.2374

Square

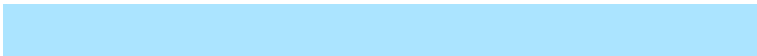
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7019, 72.7255, 47.7417



57.0320, 72.7255, 69.5305



65.6643, 72.7255, 122.0748



82.8133, 72.7255, 89.6958

Rectangle

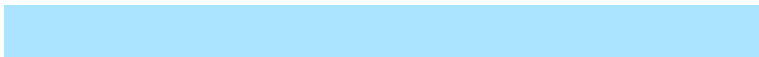
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7019, 72.7255, 47.7417



61.7981, 72.7255, 51.7389



65.6643, 72.7255, 122.0748



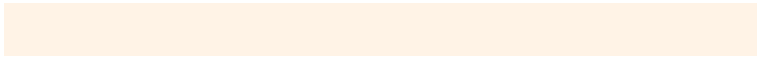
77.0059, 72.7255, 114.9434

Sweetspot

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



72.7037, 72.7288, 47.7432



87.5457, 91.1309, 87.4712



66.9536, 54.2467, 67.3506



18.5257, 19.2505, 18.1270



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.



72.7037, 72.7288, 47.7432



69.4397, 68.4598, 39.6912



83.1148, 95.1050, 51.5135



18.8141, 19.5964, 18.9352



26.3306, 20.6724, 2.6024



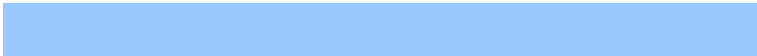
2.6731, 2.2316, 0.2899

Inverse Universe

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



57.2119, 61.2538, 103.4155



51.9421, 55.5027, 102.5832



49.2227, 44.3524, 100.5743



17.6993, 18.7702, 22.9401



12.9990, 10.9075, 50.8548



1.3737, 1.2781, 4.9876

Previews

White Background



This preview shows how the XYZ color 72.7019, 72.7255, 47.7417 looks on a white background.

Color Contrast Check

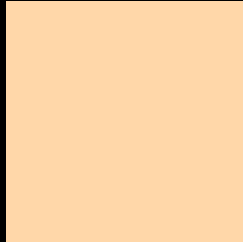
Large Text (above 18pt) WCAG AA × Fail

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 72.7019, 72.7255, 47.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

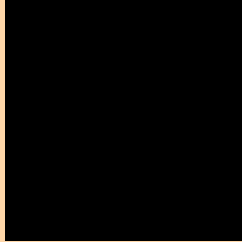
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7019, 72.7255, 47.7417

Background



This preview shows how black text looks on a background with the XYZ color 72.7019, 72.7255, 47.7417.



This preview shows how white text looks on a background with the XYZ color 72.7019, 72.7255,

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

72.7019, 72.7255, 47.7417

Protanopia

68.2279, 72.6960, 49.4655

Deuteranopia

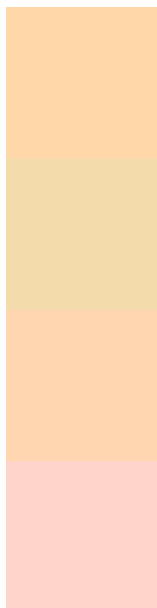
73.4233, 72.6078, 52.7927



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

72.7019, 72.7255, 47.7417

Protanomaly

69.9904, 72.8364, 48.8980

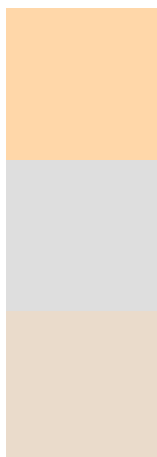
Deuteranomaly

73.0244, 72.4483, 50.6926

Tritanomaly

75.5630, 72.6588, 66.5419

Monochromacy



Original Color

72.7019, 72.7255, 47.7417

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.0427, 72.4673, 66.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7019, 72.7255, 47.7417 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, 215, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 169) }
```

Border

The CSS property to change the border of an element to XYZ 72.7019, 72.7255, 47.7417 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, 215, 169) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 169); box-shadow:4px 4px 4px 4px rgb(255, 215, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7019, 72.7255, 47.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 169) }
```

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

```
.background{ background-color: rgb(255,  
215, 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](#).

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