

Converting Colors

XYZ(73.2310, 73.9095, 47.5303)

Have a look what the booklet for
XYZ(73.2310, 73.9095, 47.5303)
contains.

XYZ(73.1207, 73.7129, 47.4199)	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(73.1207, 73.7129,
47.4199)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9A8
RGB	255, 217, 168
RGB Percent	100%, 85%, 66%
CMY	0.0000, 0.1490, 0.3412
CMYK	0.00, 0.15, 0.34, 0.00
HSL	34°, 100%, 83%
HSV	34°, 34%, 100%
XYZ	73.1207, 73.7129, 47.4199
YIQ	222.7760, 38.3770, -7.1830

Conversions

Conversions Part 2

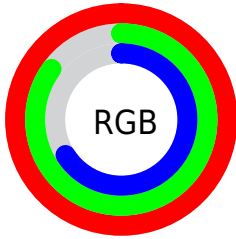
Format	Color
R_{YB}	235, 255, 168
Decimal	16767400
CIE _{Lab}	88.79, 6.48, 29.07
CIE _{LCh}	89, 29.781, 77.433
Yxy	73.7129, 0.3764, 0.3795
Android (android.graphics.Color)	4294957480 (0xFFFFD9A8)
YUV	222.7760, -27.0046, 28.2604
Hunter-Lab	85.8562, 1.7737, 27.3524

Details

The XYZ color **73.1207, 73.7129, 47.4199** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2690, 59.6853, 103.1624**, and the grayscale version is **70.1484, 73.8016, 80.3699**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **39.0987, 38.9719, 21.9846** is the 20% darker color. If you saturate the color by 10%, you get **68.2003, 67.3083, 35.1865**, and if you desaturate by 10%, it is **78.7044, 80.6981, 62.1742**.

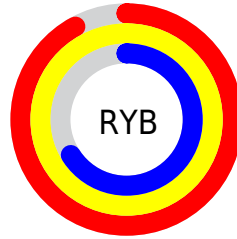
Distribution



Red (100%)

Green (85%)

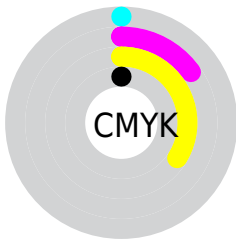
Blue (66%)



Red (92%)

Yellow (100%)

Blue (66%)

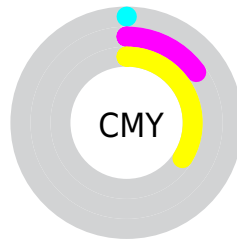


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1207, 73.7129, 47.4199 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 73.1207, 73.7129, 47.4199 by changing the saturation by 10% instead.


 73.1207, 73.7129,
47.4199


 73.1207, 73.7129,
47.4199


460.5303,
473.4819, 392.9303

 54.3634, 54.5591,
33.0110


 122.6508,
124.4887, 87.6966

 39.1241, 39.0488,
21.8637


 154.1542,
156.8796, 114.4015

 27.0374, 26.7977,
13.5594


190.6371,
194.4515, 146.0421

 17.7381, 17.4214,
7.6796

232.4648,
237.5890, 183.0370

 10.8606, 10.5354,
3.8058

280.0026,
286.6763, 225.8047

 6.0398, 5.7553,
1.5194

333.6159,

 2.9102, 2.6969,

342.0980, 274.7638

0.2323

393.6700,
404.2384, 330.3328

■ 1.1064, 0.9756,
0.0000

■ 0.0305, 0.0000,
0.0000

■ 73.1207, 73.7129,
47.4199

■ 73.1207, 73.7129,
47.4199

■ 68.2003, 67.3083,
35.1865

■ 78.7044, 80.6981,
62.1742

■ 63.9066, 61.4556,
25.3241

■ 84.9747, 88.2711,
79.5785

■ 60.2071, 56.1382,
17.6739

■ 91.9602, 96.4517,
99.7582

■ 57.0639, 51.3345,
12.0555

95.0500, 100.0000,
108.9000

■ 54.4334, 47.0203,
8.2594

■ 52.2628, 43.1676,
6.0296

■ 51.1584, 41.0969,
5.2362

Harmonies

Analogous

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



79.8609, 73.7129, 54.4345



73.1207, 73.7129, 47.4199



65.9914, 73.7129, 48.0367

Triad

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



73.1207, 73.7129, 47.4199



57.6541, 73.7129, 92.7487



80.7724, 73.7129, 110.2143

Complementary

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



73.1207, 73.7129, 47.4199



56.2690, 59.6853, 103.1624

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.



74.2964, 73.7129, 124.3954



73.1207, 73.7129, 47.4199



61.0991, 73.7129, 113.1847

Square

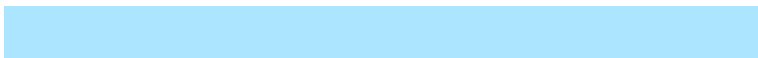
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1207, 73.7129, 47.4199



57.3871, 73.7129, 71.9311



67.0896, 73.7129, 125.5673



84.4778, 73.7129, 89.2099

Rectangle

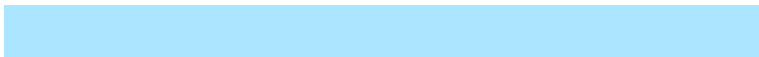
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1207, 73.7129, 47.4199



61.9712, 73.7129, 52.6895



67.0896, 73.7129, 125.5673



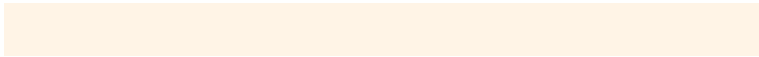
78.8278, 73.7129, 116.0826

Sweetspot

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



73.1226, 73.7163, 47.4214



87.7625, 91.5645, 87.5434



66.5239, 53.7783, 66.0024



18.5781, 19.3554, 18.1445



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.



73.1226, 73.7163, 47.4214



69.6657, 69.2452, 38.7384



82.4857, 94.7914, 50.9958



18.8584, 19.6849, 18.9500



26.8827, 21.7767, 2.7865



2.7263, 2.3379, 0.3076

Inverse Universe

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



56.2690, 59.6853, 103.1624



50.4751, 53.2756, 102.2306



49.1435, 44.0365, 100.5174



17.6556, 18.6829, 22.9256



12.5648, 10.0392, 50.7101



1.3298, 1.1903, 4.9729

Previews

White Background



This preview shows how the XYZ color 73.1207, 73.7129, 47.4199 looks on a white background.

Color Contrast Check

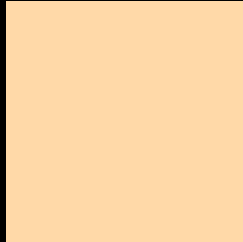
Large Text (above 18pt) WCAG AA × Fail

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 73.1207, 73.7129, 47.4199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

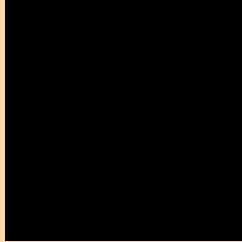
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1207, 73.7129, 47.4199

Background



This preview shows how black text looks on a background with the XYZ color 73.1207, 73.7129, 47.4199.



This preview shows how white text looks on a background with the XYZ color 73.1207, 73.7129,

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

73.1207, 73.7129, 47.4199

Protanopia

68.9983, 73.8928, 49.1542

Deuteranopia

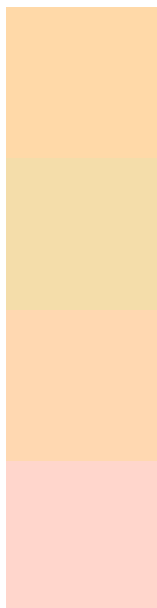
74.2394, 73.7491, 54.5781



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

73.1207, 73.7129, 47.4199

Protanomaly

70.4204, 73.8483, 48.5728

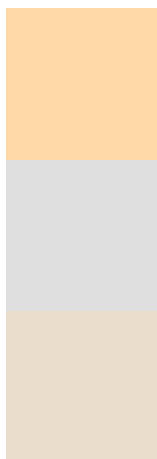
Deuteranomaly

73.7317, 73.5461, 51.9047

Tritanomaly

76.1857, 73.7128, 67.3393

Monochromacy



Original Color

73.1207, 73.7129, 47.4199

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8969, 73.6869, 66.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1207, 73.7129, 47.4199 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, 217, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 168)  
}
```

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, 217, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 168) }
```

Border

The CSS property to change the border of an element to XYZ 73.1207, 73.7129, 47.4199 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, 217, 168) }
```


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

```
.border{ border-color:rgb(255, 217, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1207, 73.7129, 47.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 168) }
```

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

```
.background{ background-color: rgb(255,  
217, 168) }
```

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