

Converting Colors

XYZ(73.5029, 74.4322, 47.6862)

Have a look what the booklet for
XYZ(73.5029, 74.4322, 47.6862)
contains.

XYZ(73.3793, 74.2300, 47.5061)	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(73.3793, 74.2300,
47.5061)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAA8
RGB	255, 218, 168
RGB Percent	100%, 85%, 66%
CMY	0.0000, 0.1451, 0.3412
CMYK	0.00, 0.15, 0.34, 0.00
HSL	34°, 100%, 83%
HSV	34°, 34%, 100%
XYZ	73.3793, 74.2300, 47.5061
YIQ	223.3630, 38.1020, -7.7060

Conversions

Conversions Part 2

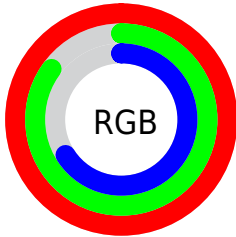
Format	Color
RYB	232, 255, 168
Decimal	16767656
CIELab	89.03, 5.97, 29.40
CIElCh	89, 29.996, 78.529
Yxy	74.2300, 0.3761, 0.3804
Android (android.graphics.Color)	4294957736 (0xFFFFDAA8)
YUV	223.3630, -27.2940, 27.7456
Hunter-Lab	86.1568, 1.2530, 27.6178

Details

The XYZ color **73.3793, 74.2300, 47.5061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0291, 59.2055, 103.0825**, and the grayscale version is **70.5682, 74.2432, 80.8508**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **39.2755, 39.3257, 22.0436** is the 20% darker color. If you saturate the color by 10%, you get **68.5127, 67.9330, 35.2906**, and if you desaturate by 10%, it is **78.8995, 81.0882, 62.2393**.

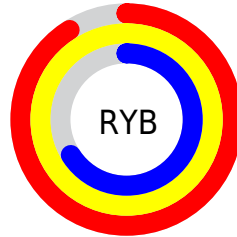
Distribution



Red (100%)

Green (85%)

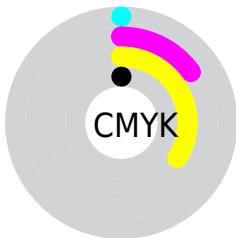
Blue (66%)



Red (91%)

Yellow (100%)

Blue (66%)

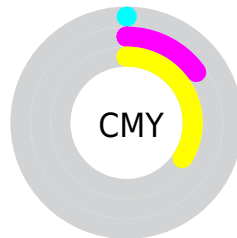


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3793, 74.2300, 47.5061 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 73.3793, 74.2300, 47.5061 by changing the saturation by 10% instead.


 73.3793, 74.2300,
47.5061


 73.3793, 74.2300,
47.5061


461.4118,
475.2668, 393.2832

 54.5756, 54.9823,
33.0787


 123.0158,
125.2218, 87.8265

 39.2946, 39.3876,
21.9151


 154.5793,
157.7347, 114.5565

 27.1707, 27.0614,
13.5968


191.1268,
195.4381, 146.2245

 17.8387, 17.6193,
7.7053

233.0237,
238.7164, 183.2491

 10.9333, 10.6770,
3.8219

280.6352,
287.9541, 226.0487

 6.0889, 5.8501,
1.5281

334.3269,

 2.9404, 2.7541,

343.5354, 275.0419

0.2388

394.4640,
405.8449, 330.6472

■ 1.1223, 1.0048,
0.0000

■ 0.0437, 0.0000,
0.0000

■ 73.3793, 74.2300,
47.5061

■ 73.3793, 74.2300,
47.5061

■ 68.5127, 67.9330,
35.2906

■ 78.8995, 81.0882,
62.2393

■ 64.2632, 62.1689,
25.4430

■ 85.0962, 88.5141,
79.6191

■ 60.5990, 56.9219,
17.8046

■ 91.9979, 96.5270,
99.7709

■ 57.4822, 52.1710,
12.1949

95.0500, 100.0000,
108.9000

■ 54.8696, 47.8927,
8.4048

■ 52.7089, 44.0598,
6.1783

■ 51.6067, 41.9935,
5.3856

Harmonies

Analogous

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



80.2542, 74.2300, 54.3099



73.3793, 74.2300, 47.5061



66.1899, 74.2300, 48.4097

Triad

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



73.3793, 74.2300, 47.5061



58.0741, 74.2300, 94.2710



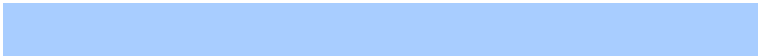
81.5919, 74.2300, 110.4466

Complementary

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



73.3793, 74.2300, 47.5061



56.0291, 59.2055, 103.0825

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.



75.1045, 74.2300, 125.2001



73.3793, 74.2300, 47.5061



61.6676, 74.2300, 114.8082

Square

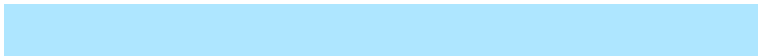
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3793, 74.2300, 47.5061



57.6825, 74.2300, 73.0966



67.8010, 74.2300, 126.9213



85.2092, 74.2300, 89.0774

Rectangle

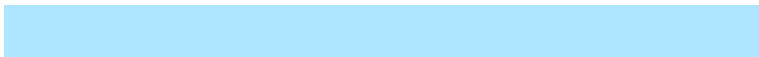
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3793, 74.2300, 47.5061



62.1732, 74.2300, 53.2994



67.8010, 74.2300, 126.9213



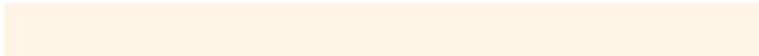
79.6547, 74.2300, 116.4913

Sweetspot

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



73.3812, 74.2334, 47.5076



87.8507, 91.7409, 87.5728



66.3473, 53.7077, 65.0721



18.5995, 19.3981, 18.1516



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.



73.3812, 74.2334, 47.5076



69.9622, 69.8383, 38.8373



81.9664, 94.5238, 50.9716



18.8764, 19.7209, 18.9560



27.1168, 22.2448, 2.8645



2.7486, 2.3826, 0.3150

Inverse Universe

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



56.0291, 59.2055, 103.0825



50.2049, 52.7353, 102.1406



49.4644, 44.2019, 100.5325



17.6380, 18.6475, 22.9197



12.3981, 9.7057, 50.6545



1.3127, 1.1561, 4.9672

Previews

White Background



This preview shows how the XYZ color 73.3793, 74.2300, 47.5061 looks on a white background.

Color Contrast Check

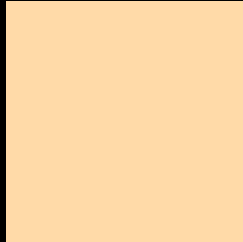
Large Text (above 18pt) WCAG AA × Fail

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 73.3793, 74.2300, 47.5061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

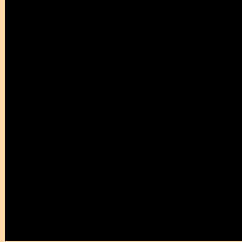
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3793, 74.2300, 47.5061

Background



This preview shows how black text looks on a background with the XYZ color 73.3793, 74.2300, 47.5061.



This preview shows how white text looks on a background with the XYZ color 73.3793, 74.2300,

47.5061.

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

73.3793, 74.2300, 47.5061

Protanopia

69.2400, 74.0284, 48.6698

Deuteranopia

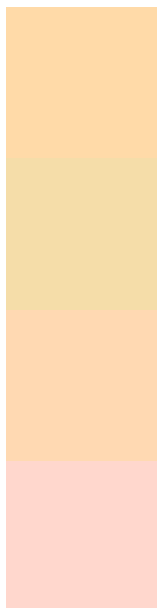
74.6001, 74.3046, 55.2101



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

73.3793, 74.2300, 47.5061

Protanomaly

70.6741, 73.9900, 48.0927

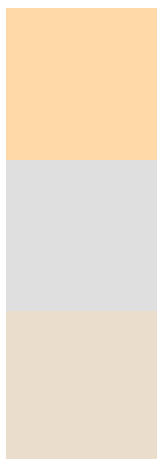
Deuteranomaly

74.0887, 74.1001, 52.5173

Tritanomaly

76.5599, 74.2687, 68.0578

Monochromacy



Original Color

73.3793, 74.2300, 47.5061

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 73.3793, 74.2300, 47.5061 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, 218, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 168) }
```

Border

The CSS property to change the border of an element to XYZ 73.3793, 74.2300, 47.5061 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, 218, 168) }
```


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

```
.border{ border-color:rgb(255, 218, 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, 218, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3793, 74.2300, 47.5061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 168) }
```

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

```
.background{ background-color: rgb(255,  
218, 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