

Converting Colors

XYZ(74.8426, 75.4501, 53.2547)

Have a look what the booklet for
XYZ(74.8426, 75.4501, 53.2547)
contains.

XYZ(74.9699, 75.7011, 53.3083)	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(74.9699, 75.7011,
53.3083)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCB3
RGB	255, 220, 179
RGB Percent	100%, 86%, 70%
CMY	0.0000, 0.1372, 0.2980
CMYK	0.00, 0.14, 0.30, 0.00
HSL	32°, 100%, 85%
HSV	32°, 30%, 100%
XYZ	74.9699, 75.7011, 53.3083
YIQ	225.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

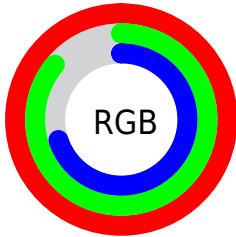
Format	Color
R_{YB}	244, 255, 179
Decimal	16768179
CIE _{Lab}	89.72, 6.28, 24.65
CIE _{LCh}	90, 25.434, 75.694
Yxy	75.7011, 0.3675, 0.3711
Android (android.graphics.Color)	4294958259 (0xFFFFDCB3)
YUV	225.7910, -23.0680, 25.6163
Hunter-Lab	87.0064, 1.5451, 24.5778

Details

The XYZ color **74.9699, 75.7011, 53.3083** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.6863, 64.8948, 103.9352**, and the grayscale version is **72.2835, 76.0479, 82.8162**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **40.2470, 40.2869, 25.3936** is the 20% darker color. If you saturate the color by 10%, you get **69.6518, 68.8176, 39.9669**, and if you desaturate by 10%, it is **80.9851, 83.2152, 69.2367**.

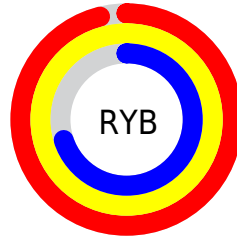
Distribution



Red (100%)

Green (86%)

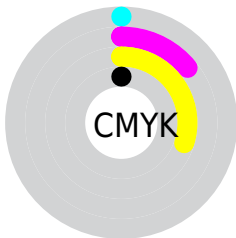
Blue (70%)



Red (96%)

Yellow (100%)

Blue (70%)

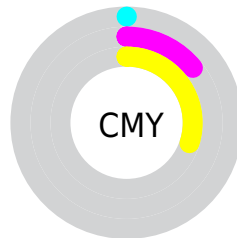


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9699, 75.7011, 53.3083 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 74.9699, 75.7011, 53.3083 by changing the saturation by 10% instead.


 74.9699, 75.7011,
53.3083

 74.9699, 75.7011,
53.3083


466.8129,
480.3239, 416.5666

 55.8823, 56.1874,
37.6595


 125.2579,
127.3043, 96.5040

 40.3452, 40.3532,
25.4188


157.1890,
160.1626, 124.8880

 27.9932, 27.8141,
16.1675


194.1320,
198.2380, 158.3542

 18.4610, 18.1855,
9.4871

236.4523,
241.9148, 197.3211

 11.3831, 11.0833,
4.9591

284.5151,
291.5774, 242.2073

 6.3943, 6.1229,
2.1650

338.6860,

 3.1292, 2.9199,

347.6101, 293.4312

0.6540

399.3301,
410.3975, 351.4115

■ 1.2225, 1.0901,
0.0000

■ 0.1240, 0.0000,
0.0000

■ 74.9699, 75.7011,
53.3083

■ 74.9699, 75.7011,
53.3083

■ 69.6518, 68.8176,
39.9669

■ 80.9851, 83.2152,
69.2367

■ 64.9946, 62.5349,
29.0676

■ 87.7205, 91.3679,
87.8767

■ 60.9666, 56.8360,
20.4584

95.0500, 100.0000,
108.9000

■ 57.5309, 51.6984,
13.9681

■ 54.6458, 47.0977,
9.4009

■ 52.2623, 43.0062,
6.5239

■ 50.3048, 39.3852,
4.9652

■ 50.2690, 39.3179,
4.9397

Harmonies

Analogous

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



80.6993, 75.7011, 60.1173



74.9699, 75.7011, 53.3083



68.7416, 75.7011, 53.4703

Triad

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



74.9699, 75.7011, 53.3083



60.9650, 75.7011, 92.1157



80.9223, 75.7011, 108.9518

Complementary

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



74.9699, 75.7011, 53.3083



60.6863, 64.8948, 103.9352

Split Complementary

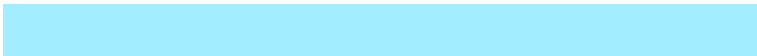
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2600, 75.7011, 120.3056



74.9699, 75.7011, 53.3083



63.8601, 75.7011, 109.6652

Square

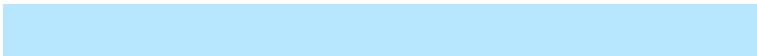
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9699, 75.7011, 53.3083



60.8974, 75.7011, 74.1902



69.0155, 75.7011, 120.5842



84.2687, 75.7011, 91.2490

Rectangle

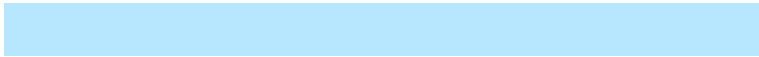
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9699, 75.7011, 53.3083



65.1486, 75.7011, 57.4589



69.0155, 75.7011, 120.5842



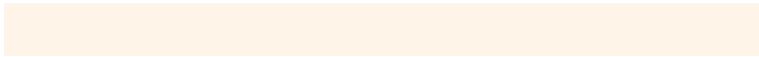
79.2124, 75.7011, 113.7436

Sweetspot

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



74.9718, 75.7045, 53.3099



88.2936, 92.0511, 89.4952



69.5579, 58.3800, 71.5343



18.6770, 19.4385, 18.5310



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.



74.9718, 75.7045, 53.3099



71.5953, 71.3645, 44.7456



84.2110, 95.5574, 56.6549



18.8213, 19.6108, 18.9376



26.4178, 20.8468, 2.6315



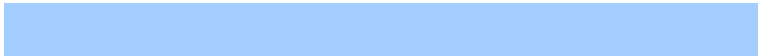
2.6815, 2.2485, 0.2927

Inverse Universe

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



60.6863, 64.8948, 103.9352



55.1391, 58.9153, 103.0734



53.3523, 49.3496, 101.3212



17.6922, 18.7560, 22.9377



12.9263, 10.7622, 50.8306



1.3664, 1.2635, 4.9851

Previews

White Background



This preview shows how the XYZ color 74.9699, 75.7011, 53.3083 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 74.9699, 75.7011, 53.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

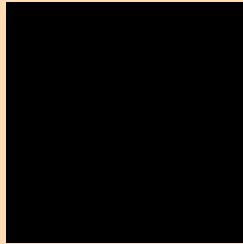
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9699, 75.7011, 53.3083

Background



This preview shows how black text looks on a background with the XYZ color 74.9699, 75.7011, 53.3083.



This preview shows how white text looks on a background with the XYZ color 74.9699, 75.7011,

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

74.9699, 75.7011, 53.3083

Protanopia

71.2009, 75.7119, 54.5772

Deuteranopia

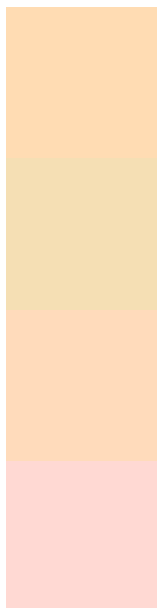
76.0859, 75.7288, 60.4761



Tritanopia

79.6833, 75.5180, 84.5054

Trichromacy



Original Color

74.9699, 75.7011, 53.3083

Protanomaly

72.2821, 75.4831, 53.9400

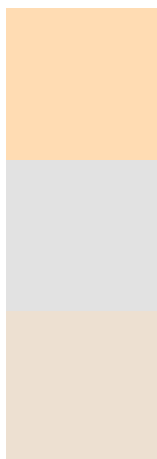
Deuteranomaly

75.5412, 75.5109, 57.6073

Tritanomaly

77.8107, 75.5889, 72.1171

Monochromacy



Original Color

74.9699, 75.7011, 53.3083

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.0893, 75.9193, 71.1233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9699, 75.7011, 53.3083 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, 220, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 179)  
}
```

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, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 179) }
```

Border

The CSS property to change the border of an element to XYZ 74.9699, 75.7011, 53.3083 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, 220, 179) }
```


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

```
.border{ border-color:rgb(255, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9699, 75.7011, 53.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 179) }
```

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

```
.background{ background-color: rgb(255,  
220, 179) }
```

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