

Converting Colors

XYZ(74.5517, 75.8832, 50.0292)

Have a look what the booklet for
XYZ(74.5517, 75.8832, 50.0292)
contains.

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Color

**XYZ(74.6393, 75.9900,
50.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAD
RGB	255, 221, 173
RGB Percent	100%, 87%, 68%
CMY	0.0000, 0.1333, 0.3216
CMYK	0.00, 0.13, 0.32, 0.00
HSL	35°, 100%, 84%
HSV	35°, 32%, 100%
XYZ	74.6393, 75.9900, 50.2688
YIQ	225.6940, 35.6720, -7.7200

Conversions

Conversions Part 2

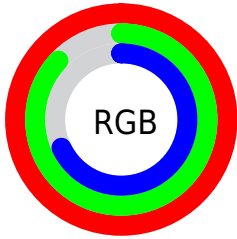
Format	Color
R_{YB}	231, 255, 173
Decimal	16768429
CIE Lab	89.85, 5.03, 27.93
CIE LCh	90, 28.380, 79.800
Yxy	75.9900, 0.3715, 0.3783
Android (android.graphics.Color)	4294958509 (0xFFFFDDAD)
YUV	225.6940, -25.9781, 25.7014
Hunter-Lab	87.1722, 0.2852, 26.8304

Details

The XYZ color **74.6393, 75.9900, 50.2688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.5958, 60.7280, 103.2938**, and the grayscale version is **72.2329, 75.9946, 82.7582**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **40.0523, 40.4988, 23.4754** is the 20% darker color. If you saturate the color by 10%, you get **69.7001, 69.6906, 37.5888**, and if you desaturate by 10%, it is **80.2290, 82.8362, 65.4906**.

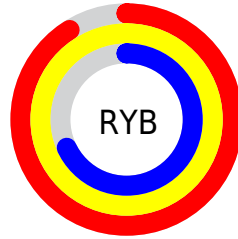
Distribution



Red (100%)

Green (87%)

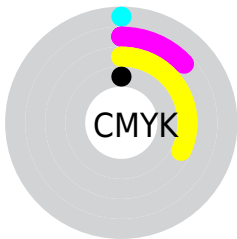
Blue (68%)



Red (91%)

Yellow (100%)

Blue (68%)

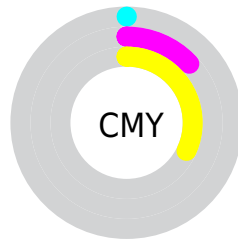


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6393, 75.9900, 50.2688 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 74.6393, 75.9900, 50.2688 by changing the saturation by 10% instead.


 74.6393, 75.9900,
50.2688

 74.6393, 75.9900,
50.2688


465.6932,
481.3135, 404.4813

 55.6106, 56.4243,
35.2543


 124.7923,
127.7128, 91.9734

 40.1266, 40.5432,
23.5737


156.6473,
160.6386, 119.5007

 27.8219, 27.9623,
14.8085


193.5084,
198.7867, 152.0359

 18.3312, 18.2973,
8.5399

235.7409,
242.5413, 189.9977

 11.2892, 11.1636,
4.3497

283.7104,
292.2869, 233.8046

 6.3304, 6.1770,
1.8191

337.7820,

 3.0896, 2.9530,

348.4079, 283.8752

0.4405

398.3211,
411.2886, 340.6279

■ 1.2013, 1.1072,
0.0000

■ 0.1074, 0.0000,
0.0000

■ 74.6393, 75.9900,
50.2688

■ 74.6393, 75.9900,
50.2688

■ 69.7001, 69.6906,
37.5888

■ 80.2290, 82.8362,
65.4906

■ 65.3756, 63.9105,
27.3033

■ 86.4914, 90.2351,
83.3809

■ 61.6350, 58.6347,
19.2570

■ 93.4545, 98.2053,
104.0635

■ 58.4415, 53.8432,
13.2741

95.0500, 100.0000,
108.9000

■ 55.7535, 49.5137,
9.1522

■ 53.5212, 45.6204,
6.6466

■ 52.0327, 42.8453,
5.5276

Harmonies

Analogous

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



81.2794, 75.9900, 56.6216



74.6393, 75.9900, 50.2688



67.7564, 75.9900, 51.4776

Triad

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



74.6393, 75.9900, 50.2688



60.2731, 75.9900, 96.5158



83.0171, 75.9900, 110.2384

Complementary

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



74.6393, 75.9900, 50.2688



57.5958, 60.7280, 103.2938

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.



76.8884, 75.9900, 124.6297



74.6393, 75.9900, 50.2688



63.8716, 75.9900, 115.8620

Square

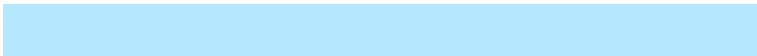
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6393, 75.9900, 50.2688



59.7571, 75.9900, 76.0914



69.8657, 75.9900, 126.8395



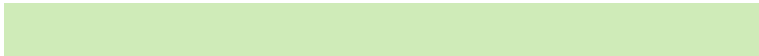
86.3194, 75.9900, 89.7655

Rectangle

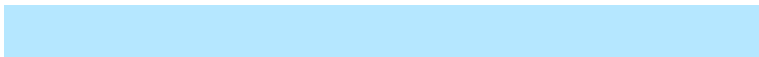
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6393, 75.9900, 50.2688



63.9380, 75.9900, 56.4871



69.8657, 75.9900, 126.8395



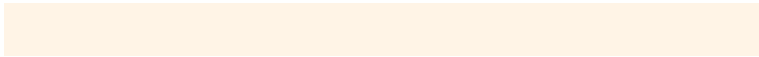
81.2014, 75.9900, 116.0790

Sweetspot

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



74.6411, 75.9934, 50.2704



87.9326, 91.9047, 87.6001



67.4670, 55.6611, 66.3269



18.6193, 19.4378, 18.1582



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.



74.6411, 75.9934, 50.2704



71.1914, 71.6225, 41.3254



82.0736, 94.5242, 53.4554



18.8931, 19.7543, 18.9615



27.3390, 22.6892, 2.9385



2.7697, 2.4248, 0.3221

Inverse Universe

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



57.5958, 60.7280, 103.2938



51.5894, 54.0752, 102.3262



51.7780, 46.7914, 100.9104



17.6216, 18.6148, 22.9142



12.2482, 9.4059, 50.6046



1.2973, 1.1252, 4.9621

Previews

White Background



This preview shows how the XYZ color 74.6393, 75.9900, 50.2688 looks on a white background.

Color Contrast Check

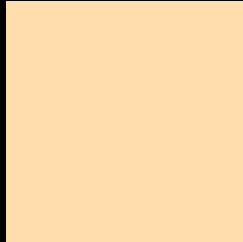
Large Text (above 18pt) WCAG AA × Fail

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 74.6393, 75.9900, 50.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

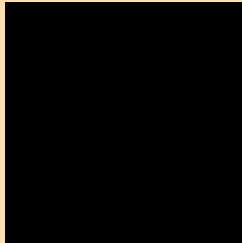
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6393, 75.9900, 50.2688

Background



This preview shows how black text looks on a background with the XYZ color 74.6393, 75.9900, 50.2688.



This preview shows how white text looks on a background with the XYZ color 74.6393, 75.9900,

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

74.6393, 75.9900, 50.2688

Protanopia

71.2098, 76.1886, 51.5102

Deuteranopia

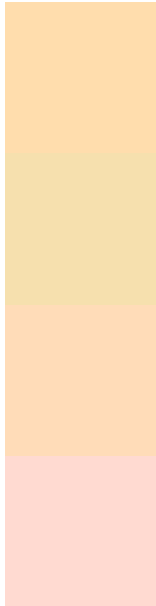
76.1275, 76.1641, 59.4040



Tritanopia

79.9387, 76.0289, 84.5906

Trichromacy



Original Color

74.6393, 75.9900, 50.2688

Protanomaly

72.3017, 75.9601, 50.8955

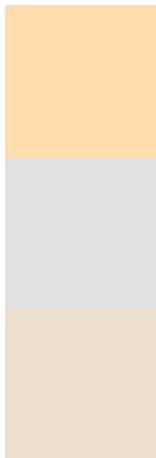
Deuteranomaly

75.4849, 75.9071, 56.0204

Tritanomaly

77.8200, 76.0063, 70.8907

Monochromacy



Original Color

74.6393, 75.9900, 50.2688

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8432, 75.8208, 69.8271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6393, 75.9900, 50.2688 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, 221, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 173)  
}
```

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, 221, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 173) }
```

Border

The CSS property to change the border of an element to XYZ 74.6393, 75.9900, 50.2688 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, 221, 173) }
```


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

```
.border{ border-color:rgb(255, 221, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6393, 75.9900, 50.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 173) }
```

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

```
.background{ background-color: rgb(255,  
221, 173) }
```

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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