

Converting Colors

XYZ(73.7634, 72.9294, 49.6285)

Have a look what the booklet for
XYZ(73.7634, 72.9294, 49.6285)
contains.

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Color

**XYZ(72.8294, 72.3703,
49.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6AD
RGB	255, 214, 173
RGB Percent	100%, 84%, 68%
CMY	0.0000, 0.1608, 0.3216
CMYK	0.00, 0.16, 0.32, 0.00
HSL	30°, 100%, 84%
HSV	30°, 32%, 100%
XYZ	72.8294, 72.3703, 49.6655
YIQ	221.5850, 37.5970, -4.0590

Conversions

Conversions Part 2

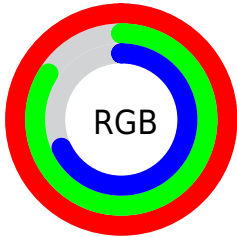
Format	Color
R _Y B	255, 255, 173
Decimal	16766637
CIE Lab	88.15, 8.63, 25.61
CIE LCh	88, 27.023, 71.377
Yxy	72.3703, 0.3737, 0.3714
Android (android.graphics.Color)	4294956717 (0xFFFFD6AD)
YUV	221.5850, -23.9524, 29.3050
Hunter-Lab	85.0707, 3.9408, 24.9352

Details

The XYZ color **72.8294, 72.3703, 49.6655** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.3294, 64.1952, 103.8717**, and the grayscale version is **69.2850, 72.8932, 79.3807**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **38.8143, 38.0227, 23.0627** is the 20% darker color. If you saturate the color by 10%, you get **67.4928, 65.2762, 36.8530**, and if you desaturate by 10%, it is **78.8931, 80.1645, 65.0453**.

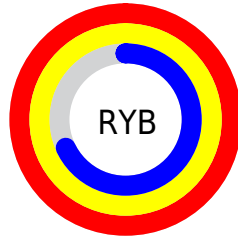
Distribution



Red (100%)

Green (84%)

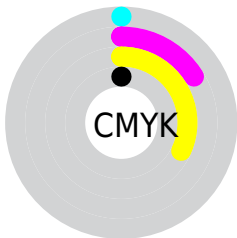
Blue (68%)



Red (100%)

Yellow (100%)

Blue (68%)

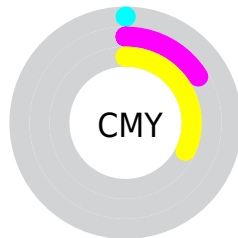


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8294, 72.3703, 49.6655 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 72.8294, 72.3703, 49.6655 by changing the saturation by 10% instead.


 72.8294, 72.3703,
49.6655

 72.8294, 72.3703,
49.6655


459.5363,
468.8295, 402.0539

 54.1244, 53.4612,
34.7784


 122.2394,
122.5829, 91.0703

 38.9322, 38.1711,
23.2100


153.6751,
154.6551, 118.4250

 26.8874, 26.1155,
14.5419


190.0851,
191.8839, 150.7726

 17.6249, 16.9101,
8.3555

231.8347,
234.6536, 188.5318

 10.7790, 10.1704,
4.2322

279.2892,
283.3486, 232.1209

 5.9847, 5.5121,
1.7536

332.8141,

 2.8763, 2.5507,

338.3533, 281.9586

0.3971

392.7747,
400.0522, 338.4635

■ 1.0887, 0.9020,
0.0000

■ 0.0156, 0.0000,
0.0000

■ 72.8294, 72.3703,
49.6655

■ 72.8294, 72.3703,
49.6655

■ 67.4928, 65.2762,
36.8530

■ 78.8931, 80.1645,
65.0453

■ 62.8453, 58.8499,
26.4598

■ 85.7088, 88.6699,
83.1200

■ 58.8532, 53.0711,
18.3297

■ 93.3067, 97.9097,
104.0141

■ 55.4770, 47.9141,
12.2859

95.0500, 100.0000,
108.9000

■ 52.6721, 43.3508,
8.1250

■ 50.3856, 39.3492,
5.6014

■ 48.8964, 36.5727,
4.4821

Harmonies

Analogous

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



78.5343, 72.3703, 57.5450



72.8294, 72.3703, 49.6655



66.3644, 72.3703, 48.8149

Triad

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



72.8294, 72.3703, 49.6655



57.3125, 72.3703, 86.0270



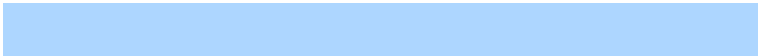
77.3278, 72.3703, 108.6220

Complementary

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



72.8294, 72.3703, 49.6655



59.3294, 64.1952, 103.8717

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.



71.2654, 72.3703, 119.0739



72.8294, 72.3703, 49.6655



59.8793, 72.3703, 104.7314

Square

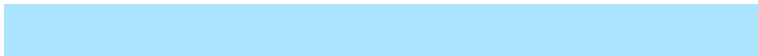
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8294, 72.3703, 49.6655



57.6730, 72.3703, 67.9754



64.8947, 72.3703, 117.5480



81.2416, 72.3703, 90.7145

Rectangle

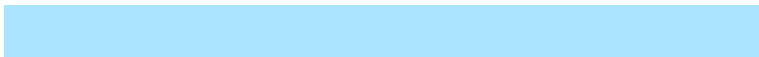
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8294, 72.3703, 49.6655



62.5187, 72.3703, 52.1613



64.8947, 72.3703, 117.5480



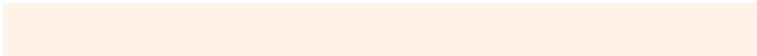
75.4583, 72.3703, 113.2415

Sweetspot

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



72.8312, 72.3736, 49.6670



87.2799, 90.5993, 87.3826



68.3216, 56.0029, 70.8276



18.4614, 19.1220, 18.1056



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.



72.8312, 72.3736, 49.6670



69.1015, 67.4427, 40.6288



84.5430, 95.7972, 53.5709



18.7599, 19.4879, 18.9171



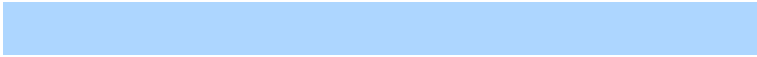
25.6987, 19.4087, 2.3918



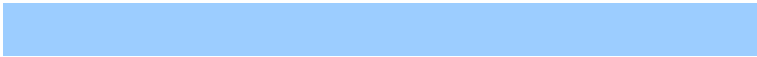
2.6114, 2.1082, 0.2693

Inverse Universe

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



59.3294, 64.1952, 103.8717



53.5689, 58.0342, 102.9861



50.2279, 45.9923, 100.8378



17.7533, 18.8782, 22.9581



13.5791, 12.0677, 51.0482



1.4313, 1.3934, 5.0068

Previews

White Background



This preview shows how the XYZ color 72.8294, 72.3703, 49.6655 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 72.8294, 72.3703, 49.6655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

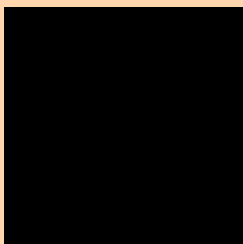
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8294, 72.3703, 49.6655

Background



This preview shows how black text looks on a background with the XYZ color 72.8294, 72.3703, 49.6655.



This preview shows how white text looks on a background with the XYZ color 72.8294, 72.3703,

49.6655.

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

72.8294, 72.3703, 49.6655

Protanopia

67.9539, 72.5097, 51.4885

Deuteranopia

73.2725, 72.1438, 53.2433



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

72.8294, 72.3703, 49.6655

Protanomaly

69.4272, 72.1152, 50.8179

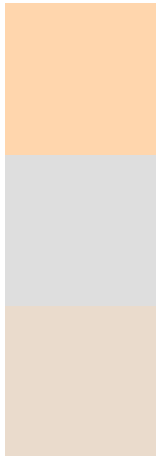
Deuteranomaly

72.9701, 72.0228, 51.6508

Tritanomaly

75.5537, 72.2563, 67.7224

Monochromacy



Original Color

72.8294, 72.3703, 49.6655

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1623, 72.5151, 67.4256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8294, 72.3703, 49.6655 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, 214, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 173) }
```

Border

The CSS property to change the border of an element to XYZ 72.8294, 72.3703, 49.6655 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, 214, 173) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8294, 72.3703, 49.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 173) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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