

Converting Colors

XYZ(85.0607, 79.9506, 52.7991)

Have a look what the booklet for
XYZ(85.0607, 79.9506, 52.7991)
contains.

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Color

**XYZ(73.9887, 74.0600,
51.9904)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B1
RGB	255, 217, 177
RGB Percent	100%, 85%, 69%
CMY	0.0000, 0.1490, 0.3059
CMYK	0.00, 0.15, 0.31, 0.00
HSL	31°, 100%, 85%
HSV	31°, 31%, 100%
XYZ	73.9887, 74.0600, 51.9904
YIQ	223.8020, 35.4880, -4.3840

Conversions

Conversions Part 2

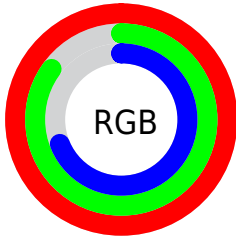
Format	Color
R_{YB}	251, 255, 177
Decimal	16767409
CIE _{Lab}	88.95, 7.58, 24.63
CIE _{LCh}	89, 25.768, 72.898
Yxy	74.0600, 0.3699, 0.3702
Android (android.graphics.Color)	4294957489 (0xFFFFD9B1)
YUV	223.8020, -23.0734, 27.3606
Hunter-Lab	86.0581, 2.8641, 24.4217

Details

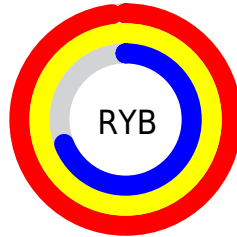
The XYZ color **73.9887, 74.0600, 51.9904** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.4812, 65.1660, 103.9983**, and the grayscale version is **70.8535, 74.5434, 81.1777**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **39.5844, 39.1662, 24.5423** is the 20% darker color. If you saturate the color by 10%, you get **68.5989, 66.9750, 38.8043**, and if you desaturate by 10%, it is **80.0980, 81.8236, 67.7611**.

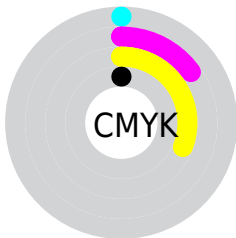
Distribution



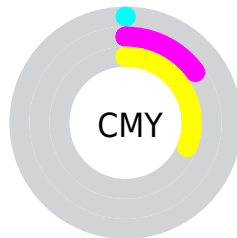
- Red (100%)
- Green (85%)
- Blue (69%)



- Red (98%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9887, 74.0600, 51.9904 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 73.9887, 74.0600, 51.9904 by changing the saturation by 10% instead.

 73.9887, 74.0600,
51.9904

 73.9887, 74.0600,
51.9904

463.4853,
474.6804, 411.3554

 55.0760, 54.8431,
36.6152


 123.8754,
124.9809, 94.5435

 39.6967, 39.2762,
24.6163


155.5801,
157.4537, 122.5586

 27.4853, 26.9746,
15.5750


192.2796,
195.1139, 155.6240

 18.0765, 17.5542,
9.0728

234.3391,
238.3460, 194.1583

 11.1049, 10.6304,
4.6913

282.1241,
287.5342, 238.5800

 6.2053, 5.8189,
2.0117

335.9999,

 3.0121, 2.7353,

343.0632, 289.3078

0.5625

396.3318,
405.3171, 346.7601

■ 1.1602, 0.9951,
0.0000

■ 0.0746, 0.0000,
0.0000

■ 73.9887, 74.0600,
51.9904

■ 73.9887, 74.0600,
51.9904

■ 68.5989, 66.9750,
38.8043

■ 80.0980, 81.8236,
67.7611

■ 63.8916, 60.5376,
28.0568

■ 86.9510, 90.2759,
86.2424

■ 59.8339, 54.7284,
19.5944

■ 94.5774, 99.4392,
107.5572

■ 56.3877, 49.5232,
13.2439

■ 95.0500, 100.0000,
108.9000

■ 53.5097, 44.8953,
8.8070

■ 51.1492, 40.8146,
6.0464

■ 49.3277, 37.4354,
4.6259

Harmonies

Analogous

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



79.5765, 74.0600, 59.3884



73.9887, 74.0600, 51.9904



67.7407, 74.0600, 51.5039

Triad

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



73.9887, 74.0600, 51.9904



59.3054, 74.0600, 88.5757



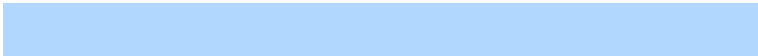
78.9014, 74.0600, 108.5996

Complementary

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



73.9887, 74.0600, 51.9904



60.4812, 65.1660, 103.9983

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.



73.1112, 74.0600, 119.0963



73.9887, 74.0600, 51.9904



61.9425, 74.0600, 106.4353

Square

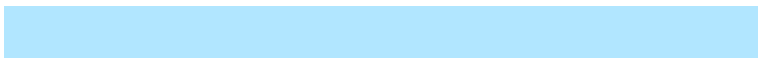
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9887, 74.0600, 51.9904



59.5094, 74.0600, 70.9265



66.9134, 74.0600, 118.2502



82.5261, 74.0600, 91.1995

Rectangle

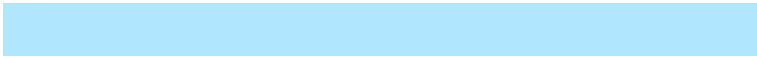
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9887, 74.0600, 51.9904



64.0584, 74.0600, 55.0342



66.9134, 74.0600, 118.2502



77.1295, 74.0600, 113.1604

Sweetspot

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



73.9905, 74.0633, 51.9919



88.1094, 91.6826, 89.4338



69.3573, 57.6630, 72.4409



18.6316, 19.3477, 18.5159



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.



73.9905, 74.0633, 51.9919



70.4527, 69.4420, 43.2470



84.9360, 95.9544, 55.6404



18.7798, 19.5277, 18.9238



25.9249, 19.8610, 2.4672



2.6336, 2.1526, 0.2767

Inverse Universe

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



60.4812, 65.1660, 103.9983



54.8957, 59.1971, 103.1406



51.9044, 48.0124, 101.1394



17.7334, 18.8385, 22.9515



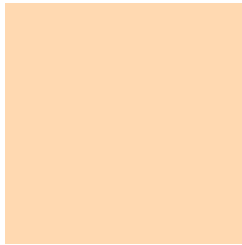
13.3599, 11.6294, 50.9751



1.4097, 1.3501, 4.9996

Previews

White Background



This preview shows how the XYZ color 73.9887, 74.0600, 51.9904 looks on a white background.

Color Contrast Check

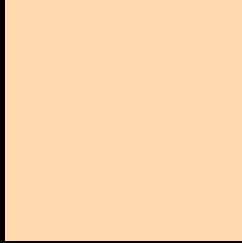
Large Text (above 18pt) WCAG AA × Fail

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 73.9887, 74.0600, 51.9904 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 73.9887, 74.0600, 51.9904

Background



This preview shows how black text looks on a background with the XYZ color 73.9887, 74.0600, 51.9904.



This preview shows how white text looks on a background with the XYZ color 73.9887, 74.0600,

51.9904.

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

73.9887, 74.0600, 51.9904

Protanopia

69.5509, 74.0752, 53.8122

Deuteranopia

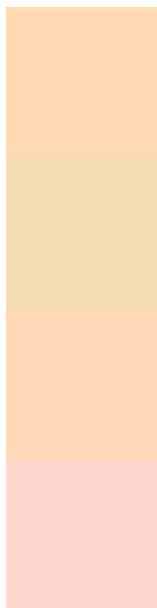
74.6588, 73.9169, 56.7868



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

73.9887, 74.0600, 51.9904

Protanomaly

71.3014, 74.2007, 53.2120

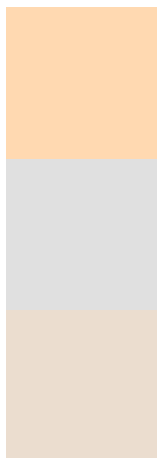
Deuteranomaly

74.3431, 73.7906, 55.1245

Tritanomaly

76.6717, 73.9072, 69.8990

Monochromacy



Original Color

73.9887, 74.0600, 51.9904

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3799, 73.8801, 69.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9887, 74.0600, 51.9904 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 177) }
```

Border

The CSS property to change the border of an element to XYZ 73.9887, 74.0600, 51.9904 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, 177) }
```


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

```
.border{ border-color:rgb(255, 217, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9887, 74.0600, 51.9904 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
217, 177) }
```

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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