

Converting Colors

XYZ(82.6034, 79.1472, 51.4284)

Have a look what the booklet for
XYZ(82.6034, 79.1472, 51.4284)
contains.

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Color

**XYZ(74.3094, 75.0182,
51.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBAF
RGB	255, 219, 175
RGB Percent	100%, 86%, 69%
CMY	0.0000, 0.1412, 0.3137
CMYK	0.00, 0.14, 0.31, 0.00
HSL	33°, 100%, 84%
HSV	33°, 31%, 100%
XYZ	74.3094, 75.0182, 51.1209
YIQ	224.7480, 35.5800, -6.0520

Conversions

Conversions Part 2

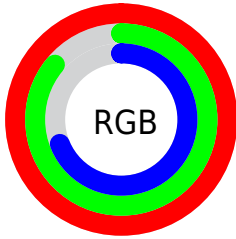
Format	Color
R _Y B	240, 255, 175
Decimal	16767919
CIE Lab	89.40, 6.30, 26.28
CIE LCh	89, 27.026, 76.523
Yxy	75.0182, 0.3707, 0.3743
Android (android.graphics.Color)	4294957999 (0xFFFFDBAF)
YUV	224.7480, -24.5258, 26.5310
Hunter-Lab	86.6130, 1.5707, 25.6349

Details

The XYZ color **74.3094, 75.0182, 51.1209** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0228, 62.9205, 103.6418**, and the grayscale version is **71.5413, 75.2670, 81.9658**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **39.8143, 39.8264, 24.0012** is the 20% darker color. If you saturate the color by 10%, you get **69.1472, 68.3305, 38.1890**, and if you desaturate by 10%, it is **80.1546, 82.3146, 66.6154**.

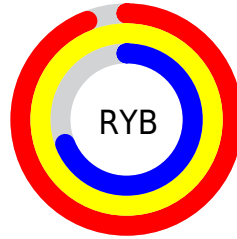
Distribution



Red (100%)

Green (86%)

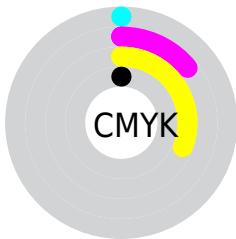
Blue (69%)



Red (94%)

Yellow (100%)

Blue (69%)

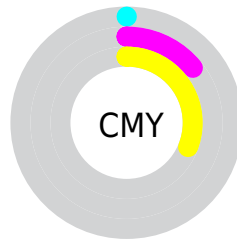


Cyan (0%)

Magenta (14%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3094, 75.0182, 51.1209 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 74.3094, 75.0182, 51.1209 by changing the saturation by 10% instead.


 74.3094, 75.0182,
51.1209

 74.3094, 75.0182,
51.1209


464.5744,
477.9801, 407.8933

 55.3395, 55.6278,
35.9274


 124.3275,
126.3381, 93.2468

 39.9085, 39.9046,
24.0889


156.1063,
159.0364, 121.0163

 27.6511, 27.4642,
15.1868


192.8855,
196.9395, 153.8149

 18.2019, 17.9221,
8.8025

235.0304,
240.4317, 192.0611

 11.1956, 10.8941,
4.5175

282.9064,
289.8975, 236.1736

 6.2668, 5.9957,
1.9133

336.8788,

 3.0502, 2.8424,

345.7213, 286.5707

0.5012

397.3130,
408.2873, 343.6711

■ 1.1804, 1.0500,
0.0000

■ 0.0908, 0.0000,
0.0000

■ 74.3094, 75.0182,
51.1209

■ 74.3094, 75.0182,
51.1209

■ 69.1472, 68.3305,
38.1890

■ 80.1546, 82.3146,
66.6154

■ 64.6317, 62.2222,
27.6731

■ 86.7058, 90.2273,
84.7986

■ 60.7310, 56.6766,
19.4187

■ 93.9918, 98.7767,
105.7941

■ 57.4080, 51.6718,
13.2516

95.0500, 100.0000,
108.9000

■ 54.6203, 47.1834,
8.9712

■ 52.3179, 43.1840,
6.3370

■ 50.6573, 40.0945,
5.0691

Harmonies

Analogous

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



80.4213, 75.0182, 57.9884



74.3094, 75.0182, 51.1209



67.7445, 75.0182, 51.4887

Triad

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



74.3094, 75.0182, 51.1209



59.7857, 75.0182, 92.4911



80.9407, 75.0182, 109.4104

Complementary

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



74.3094, 75.0182, 51.1209



59.0228, 62.9205, 103.6418

Split Complementary

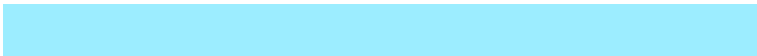
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9831, 75.0182, 121.8382



74.3094, 75.0182, 51.1209



62.9006, 75.0182, 111.0835

Square

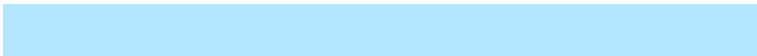
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3094, 75.0182, 51.1209



59.6302, 75.0182, 73.4799



68.3779, 75.0182, 122.4940



84.4066, 75.0182, 90.4729

Rectangle

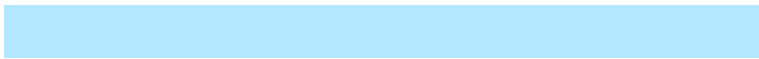
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3094, 75.0182, 51.1209



63.9944, 75.0182, 55.7566



68.3779, 75.0182, 122.4940



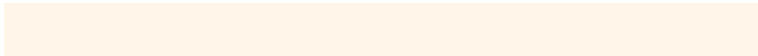
79.1470, 75.0182, 114.6077

Sweetspot

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



74.3113, 75.0216, 51.1224



88.3665, 92.1968, 89.5195



68.3284, 56.6239, 68.9569



18.6950, 19.4744, 18.5370



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.



74.3113, 75.0216, 51.1224



70.8144, 70.5205, 42.2724



83.2818, 95.1245, 54.5299



18.8377, 19.6436, 18.9431



26.6208, 21.2529, 2.6992



2.7011, 2.2876, 0.2992

Inverse Universe

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



59.0228, 62.9205, 103.6418



53.2200, 56.5988, 102.7274



51.9712, 47.4646, 101.0302



17.6760, 18.7236, 22.9323



12.7632, 10.4360, 50.7762



1.3500, 1.2306, 4.9797

Previews

White Background



This preview shows how the XYZ color 74.3094, 75.0182, 51.1209 looks on a white background.

Color Contrast Check

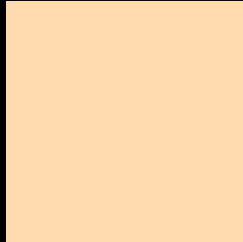
Large Text (above 18pt) WCAG AA × Fail

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 74.3094, 75.0182, 51.1209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

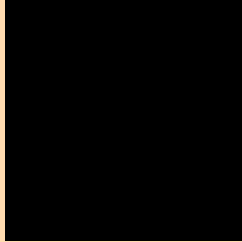
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3094, 75.0182, 51.1209

Background



This preview shows how black text looks on a background with the XYZ color 74.3094, 75.0182, 51.1209.



This preview shows how white text looks on a background with the XYZ color 74.3094, 75.0182,

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

74.3094, 75.0182, 51.1209

Protanopia

70.2881, 74.8764, 52.8675

Deuteranopia

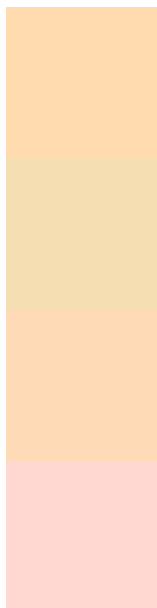
75.3885, 75.0336, 58.0865



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

74.3094, 75.0182, 51.1209

Protanomaly

71.7133, 74.8294, 52.2588

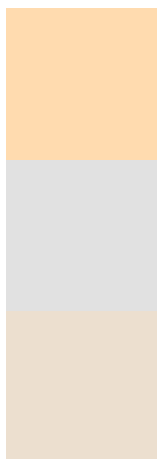
Deuteranomaly

74.8586, 74.8217, 55.2963

Tritanomaly

77.3045, 74.9752, 70.7189

Monochromacy



Original Color

74.3094, 75.0182, 51.1209

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2422, 75.1132, 69.7222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3094, 75.0182, 51.1209 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, 219, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 175)  
}
```

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, 219, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 175) }
```

Border

The CSS property to change the border of an element to XYZ 74.3094, 75.0182, 51.1209 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, 219, 175) }
```


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

```
.border{ border-color:rgb(255, 219, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 175); box-shadow:4px 4px 4px 4px rgb(255, 219, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3094, 75.0182, 51.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 175) }
```

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

```
.background{ background-color: rgb(255,  
219, 175) }
```

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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