

Converting Colors

XYZ(135.3312, 107.5493,
54.4284)

Have a look what the booklet for
XYZ(135.3312, 107.5493, 54.4284)
contains.

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Color

**XYZ(75.0991, 76.5977,
51.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEAF
RGB	255, 222, 175
RGB Percent	100%, 87%, 69%
CMY	0.0000, 0.1294, 0.3137
CMYK	0.00, 0.13, 0.31, 0.00
HSL	35°, 100%, 84%
HSV	35°, 31%, 100%
XYZ	75.0991, 76.5977, 51.3841
YIQ	226.5090, 34.7550, -7.6210

Conversions

Conversions Part 2

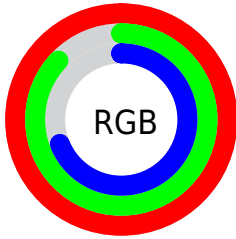
Format	Color
RYB	231, 255, 175
Decimal	16768687
CIELab	90.14, 4.76, 27.28
CIELCh	90, 27.694, 80.107
Yxy	76.5977, 0.3698, 0.3772
Android (android.graphics.Color)	4294958767 (0xFFFFDEAF)
YUV	226.5090, -25.3939, 24.9866
Hunter-Lab	87.5201, 0.0068, 26.4542

Details

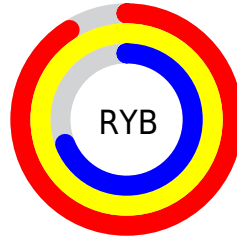
The XYZ color **75.0991, 76.5977, 51.3841** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.2844, 61.4437, 103.3956**, and the grayscale version is **72.8196, 76.6118, 83.4303**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **40.3575, 40.9129, 24.1823** is the 20% darker color. If you saturate the color by 10%, you get **70.1211, 70.2781, 38.5136**, and if you desaturate by 10%, it is **80.7283, 83.4620, 66.8066**.

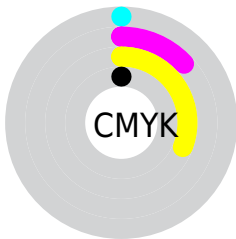
Distribution



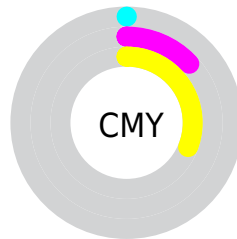
- Red (100%)
- Green (87%)
- Blue (69%)



- Red (91%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0991, 76.5977, 51.3841 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 75.0991, 76.5977, 51.3841 by changing the saturation by 10% instead.


 75.0991, 76.5977,
51.3841

 75.0991, 76.5977,
51.3841


467.2501,
483.3913, 408.9433

 55.9885, 56.9228,
36.1355


 125.4398,
128.5714, 93.6396

 40.4307, 40.9432,
24.2484


157.4006,
161.6390, 121.4836

 28.0602, 28.2747,
15.3041


194.3756,
199.9396, 154.3632

 18.5117, 18.5329,
8.8841

236.7301,
243.8576, 192.6968

 11.4199, 11.3332,
4.5699

284.8294,
293.7773, 236.9031

 6.4194, 6.2914,
1.9429

339.0389,

 3.1448, 3.0231,

350.0833, 287.4006

0.5198

399.7240,
413.1598, 344.6079

■ 1.2308, 1.1438,
0.0000

■ 0.1305, 0.0151,
0.0000

■ 75.0991, 76.5977,
51.3841

■ 75.0991, 76.5977,
51.3841

■ 70.1211, 70.2781,
38.5136

■ 80.7283, 83.4620,
66.8066

■ 65.7585, 64.4758,
28.0486

■ 87.0304, 90.8764,
84.9068

■ 61.9807, 59.1760,
19.8353

■ 94.0333, 98.8597,
105.8079

■ 58.7516, 54.3589,
13.6994

■ 95.0500, 100.0000,
108.9000

■ 56.0298, 50.0025,
9.4411

■ 53.7666, 46.0815,
6.8200

■ 52.1193, 43.0187,
5.5564

Harmonies

Analogous

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



81.6171, 76.5977, 57.5923



75.0991, 76.5977, 51.3841



68.3525, 76.5977, 52.6578

Triad

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



75.0991, 76.5977, 51.3841



61.0804, 76.5977, 97.1082



83.4265, 76.5977, 110.1208

Complementary

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



75.0991, 76.5977, 51.3841



58.2844, 61.4437, 103.3956

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.



77.4444, 76.5977, 124.2526



75.0991, 76.5977, 51.3841



64.6490, 76.5977, 115.9582

Square

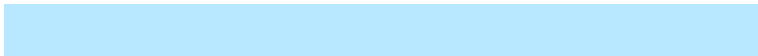
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0991, 76.5977, 51.3841



60.5401, 76.5977, 77.0639



70.5558, 76.5977, 126.5425



86.6211, 76.5977, 90.0781

Rectangle

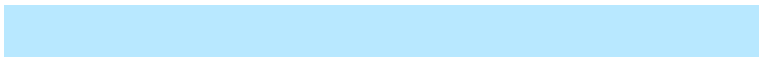
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0991, 76.5977, 51.3841



64.6140, 76.5977, 57.6634



70.5558, 76.5977, 126.5425



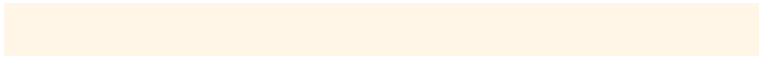
81.6579, 76.5977, 115.8449

Sweetspot

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



75.1010, 76.6012, 51.3857



88.6270, 92.7179, 89.6064



67.9967, 56.4912, 67.2106



18.7592, 19.6028, 18.5584



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.



75.1010, 76.6012, 51.3857



71.7297, 72.3511, 42.5775



82.3278, 94.6327, 54.4852



18.8964, 19.7610, 18.9626



27.3842, 22.7796, 2.9536



2.7740, 2.4334, 0.3235

Inverse Universe

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



58.2844, 61.4437, 103.3956



52.3790, 54.9168, 102.4471



52.5935, 47.7854, 101.0593



17.6183, 18.6083, 22.9131



12.2186, 9.3468, 50.5947



1.2942, 1.1191, 4.9611

Previews

White Background



This preview shows how the XYZ color 75.0991, 76.5977, 51.3841 looks on a white background.

Color Contrast Check

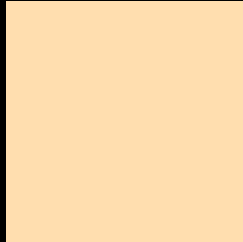
Large Text (above 18pt) WCAG AA × Fail

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 75.0991, 76.5977, 51.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

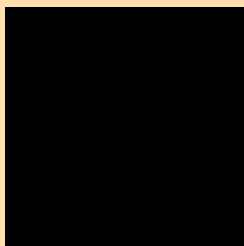
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0991, 76.5977, 51.3841

Background



This preview shows how black text looks on a background with the XYZ color 75.0991, 76.5977, 51.3841.



This preview shows how white text looks on a background with the XYZ color 75.0991, 76.5977,

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

75.0991, 76.5977, 51.3841

Protanopia

72.0228, 76.9897, 52.6595

Deuteranopia

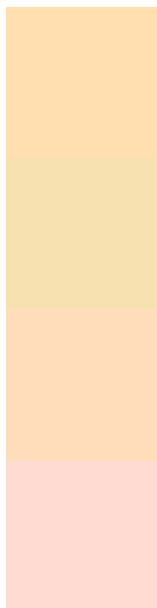
76.7221, 76.8232, 61.2367



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

75.0991, 76.5977, 51.3841

Protanomaly

73.1195, 76.7592, 52.0365

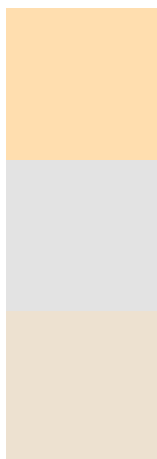
Deuteranomaly

75.9594, 76.5181, 57.2203

Tritanomaly

78.2044, 76.5762, 71.6316

Monochromacy



Original Color

75.0991, 76.5977, 51.3841

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2354, 76.4090, 70.5630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0991, 76.5977, 51.3841 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, 222, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 175) }
```

Border

The CSS property to change the border of an element to XYZ 75.0991, 76.5977, 51.3841 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, 222, 175) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0991, 76.5977, 51.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 175) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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