

Converting Colors

XYZ(88.4684, 78.7130, 51.3081)

Have a look what the booklet for
XYZ(88.4684, 78.7130, 51.3081)
contains.

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Color

**XYZ(71.7783, 69.9561,
50.2772)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1AF
RGB	255, 209, 175
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1804, 0.3137
CMYK	0.00, 0.18, 0.31, 0.00
HSL	26°, 100%, 84%
HSV	26°, 31%, 100%
XYZ	71.7783, 69.9561, 50.2772
YIQ	218.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

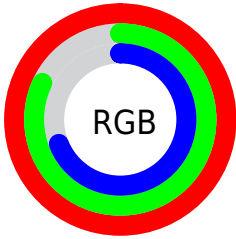
Format	Color
R _Y B	255, 234, 175
Decimal	16765359
CIE Lab	86.98, 11.47, 22.96
CIE LCh	87, 25.663, 63.462
Yxy	69.9561, 0.3738, 0.3643
Android (android.graphics.Color)	4294955439 (0xFFFFD1AF)
YUV	218.8780, -21.6319, 31.6790
Hunter-Lab	83.6398, 6.8162, 22.9077

Details

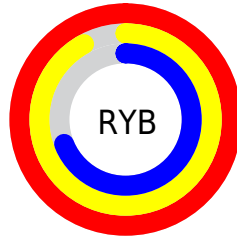
The XYZ color **71.7783, 69.9561, 50.2772** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.5848, 68.0446, 104.4958**, and the grayscale version is **67.3755, 70.8843, 77.1930**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.2602, 36.7181, 23.4831** is the 20% darker color. If you saturate the color by 10%, you get **66.0738, 62.1837, 37.1644**, and if you desaturate by 10%, it is **78.2904, 78.5863, 65.9939**.

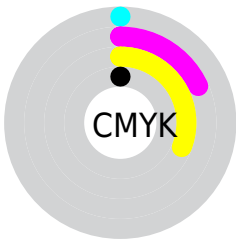
Distribution



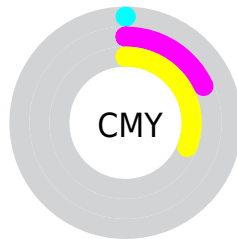
- Red (100%)
- Green (82%)
- Blue (69%)



- Red (100%)
- Yellow (92%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7783, 69.9561, 50.2772 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 71.7783, 69.9561, 50.2772 by changing the saturation by 10% instead.


 71.7783, 69.9561,
50.2772

 71.7783, 69.9561,
50.2772

455.9392,
460.3958, 404.5151

 53.2624, 51.4907,
35.2610


 120.7538,
119.1461, 91.9860

 38.2406, 36.5993,
23.5788


151.9441,
150.6396, 119.5156

 26.3475, 24.8974,
14.8122

188.0899,
187.2446, 152.0535

 17.2179, 16.0006,
8.5425

229.5566,
229.3455, 190.0181

 10.4862, 9.5246,
4.3513

276.7095,
277.3267, 233.8280

 5.7872, 5.0849,
1.8200

329.9140,

 2.7556, 2.2972,

331.5725, 283.9018

0.4411

389.5355,
392.4674, 340.6580

■ 1.0259, 0.7722,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7783, 69.9561,
50.2772

■ 71.7783, 69.9561,
50.2772

■ 66.0738, 62.1837,
37.1644

■ 78.2904, 78.5863,
65.9939

■ 61.1359, 55.2308,
26.5078

■ 85.6378, 88.0913,
84.4425

■ 56.9279, 49.0704,
18.1510

■ 93.8535, 98.5002,
105.7479

■ 53.4071, 43.6700,
11.9179

95.0500, 100.0000,
108.9000

■ 50.5256, 38.9940,
7.6063

■ 48.2273, 35.0029,
4.9735

■ 46.6441, 32.0681,
3.7314

Harmonies

Analogous

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



76.5842, 69.9561, 59.3713



71.7783, 69.9561, 50.2772



65.7972, 69.9561, 47.7290

Triad

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



71.7783, 69.9561, 50.2772



55.6308, 69.9561, 78.1822



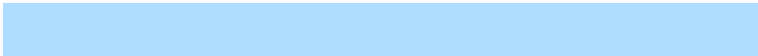
73.0551, 69.9561, 107.1817

Complementary

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



71.7783, 69.9561, 50.2772



61.5848, 68.0446, 104.4958

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.



67.1900, 69.9561, 114.1252



71.7783, 69.9561, 50.2772



57.3264, 69.9561, 95.8723

Square

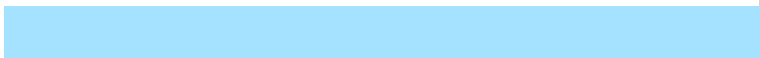
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7783, 69.9561, 50.2772



56.6978, 69.9561, 62.3454



61.4703, 69.9561, 109.7057



77.3519, 69.9561, 91.9013

Rectangle

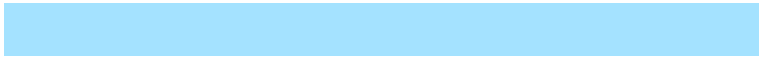
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7783, 69.9561, 50.2772



62.0043, 69.9561, 49.7112



61.4703, 69.9561, 109.7057



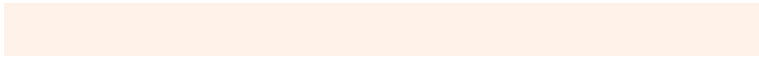
71.1894, 69.9561, 110.6642

Sweetspot

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



71.7801, 69.9593, 50.2786



87.5068, 90.4775, 89.2330



69.7106, 57.1767, 76.2358



18.4834, 19.0513, 18.4664



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.



71.7801, 69.9593, 50.2786



67.9102, 64.7121, 41.3043



82.6481, 91.6953, 53.9013



18.6441, 19.2564, 18.8785



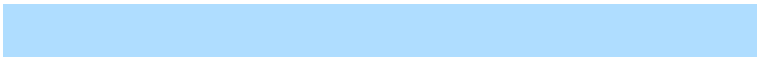
24.5131, 17.0375, 1.9966



2.4923, 1.8700, 0.2296

Inverse Universe

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



61.5848, 68.0446, 104.4958



56.1689, 62.4967, 103.7104



52.3897, 49.6543, 101.4308



17.8702, 19.1121, 22.9971



15.0027, 14.9149, 51.5227



1.5691, 1.6689, 5.0527

Previews

White Background



This preview shows how the XYZ color 71.7783, 69.9561, 50.2772 looks on a white background.

Color Contrast Check

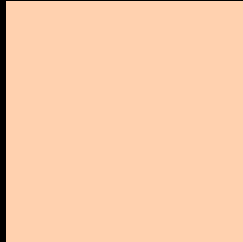
Large Text (above 18pt) WCAG AA × Fail

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 71.7783, 69.9561, 50.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

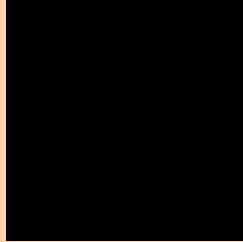
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7783, 69.9561, 50.2772

Background



This preview shows how black text looks on a background with the XYZ color 71.7783, 69.9561, 50.2772.



This preview shows how white text looks on a background with the XYZ color 71.7783, 69.9561,

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

71.7783, 69.9561, 50.2772

Protanopia

66.1631, 70.3864, 52.7466

Deuteranopia

71.4114, 69.7669, 50.2600



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

71.7783, 69.9561, 50.2772

Protanomaly

68.2715, 70.3405, 52.0983

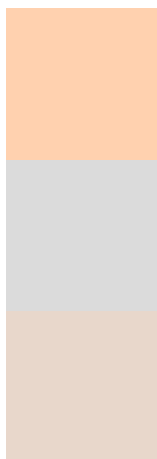
Deuteranomaly

71.4114, 69.7669, 50.2600

Tritanomaly

74.0908, 69.7144, 66.0511

Monochromacy



Original Color

71.7783, 69.9561, 50.2772

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3586, 70.0685, 66.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7783, 69.9561, 50.2772 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, 209, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 175) }
```

Border

The CSS property to change the border of an element to XYZ 71.7783, 69.9561, 50.2772 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, 209, 175) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7783, 69.9561, 50.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 175) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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