

Converting Colors

XYZ(80.0349, 76.3034, 71.2511)

Have a look what the booklet for
XYZ(80.0349, 76.3034, 71.2511)
contains.

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Color

**XYZ(77.4287, 75.0249,
71.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D2
RGB	255, 216, 210
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1529, 0.1765
CMYK	0.00, 0.15, 0.18, 0.00
HSL	8°, 100%, 91%
HSV	8°, 18%, 100%
XYZ	77.4287, 75.0249, 71.3731
YIQ	226.9770, 25.1700, 6.4020

Conversions

Conversions Part 2

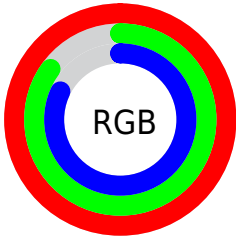
Format	Color
R _Y B	255, 217, 210
Decimal	16767186
CIE Lab	89.40, 12.64, 8.00
CIE LCh	89, 14.959, 32.316
Yxy	75.0249, 0.3459, 0.3352
Android (android.graphics.Color)	4294957266 (0xFFFFD8D2)
YUV	226.9770, -8.3697, 24.5762
Hunter-Lab	86.6169, 7.9853, 11.7764

Details

The XYZ color **77.4287, 75.0249, 71.3731** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5030, 88.6703, 107.5853**, and the grayscale version is **73.0447, 76.8487, 83.6882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0343, 39.8958, 36.9377** is the 20% darker color. If you saturate the color by 10%, you get **69.2160, 63.2849, 54.1907**, and if you desaturate by 10%, it is **86.9127, 88.4966, 91.4785**.

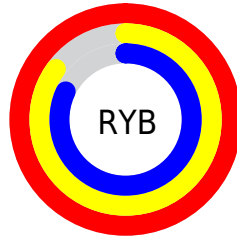
Distribution



Red (100%)

Green (85%)

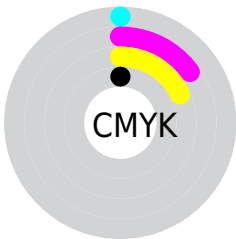
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

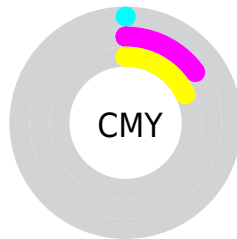


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4287, 75.0249, 71.3731 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 77.4287, 75.0249, 71.3731 by changing the saturation by 10% instead.


 77.4287, 75.0249,
71.3731

 77.4287, 75.0249,
71.3731


475.0940,
478.0032, 484.2754

 57.9059, 55.6333,
52.1630


128.7141,
126.3476, 122.8642

 41.9760, 39.9090,
36.7519


161.2074,
159.0475, 155.9824

 29.2735, 27.4676,
24.7212


198.7550,
196.9523, 194.5736

 19.4332, 17.9247,
15.6523

241.7222,
240.4463, 239.0565

 12.0895, 10.8959,
9.1268

290.4743,
289.9140, 289.8496

 6.8773, 5.9969,
4.7260

345.3768,

 3.4311, 2.8432,

345.7398, 347.3714

2.0315

406.7949,
408.3081, 412.0405

■ 1.3856, 1.0504,
0.5746

■ 0.2460, 0.0000,
0.0000

■ 77.4287, 75.0249,
71.3731

■ 77.4287, 75.0249,
71.3731

■ 69.2160, 63.2849,
54.1907

■ 86.9127, 88.4966,
91.4785

■ 62.2149, 53.1967,
39.7905

95.0500, 100.0000,
108.9000

■ 56.3692, 44.6891,
28.0273

■ 51.6162, 37.6815,
18.7406

■ 47.8869, 32.0863,
11.7524

■ 45.1043, 27.8069,
6.8611

■ 43.1802, 24.7340,
3.8295

■ 42.0059, 22.7392,
2.3475

■ 41.8128, 22.4056,
2.1209

Harmonies

Analogous

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



78.5808, 75.0249, 80.8769



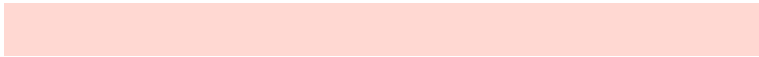
77.4287, 75.0249, 71.3731



74.6316, 75.0249, 65.0968

Triad

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



77.4287, 75.0249, 71.3731



65.2518, 75.0249, 72.6712



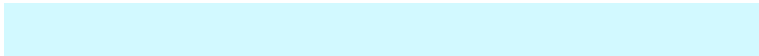
71.5939, 75.0249, 103.5483

Complementary

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



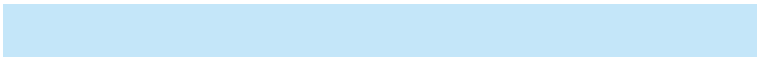
77.4287, 75.0249, 71.3731



78.5030, 88.6703, 107.5853

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.



68.0863, 75.0249, 100.8860



77.4287, 75.0249, 71.3731



64.5001, 75.0249, 82.5072

Square

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



77.4287, 75.0249, 71.3731



67.6094, 75.0249, 65.7999



65.5204, 75.0249, 92.9547



75.1410, 75.0249, 99.9506

Rectangle

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



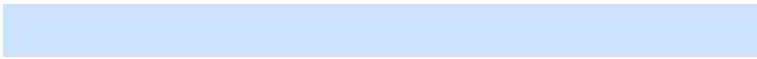
77.4287, 75.0249, 71.3731



72.2549, 75.0249, 63.2847



65.5204, 75.0249, 92.9547



70.3713, 75.0249, 103.3556

Sweetspot

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



77.4305, 75.0282, 71.3747



89.6407, 92.3580, 97.3037



81.3859, 74.1935, 99.6540



19.0298, 19.5463, 20.4914



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

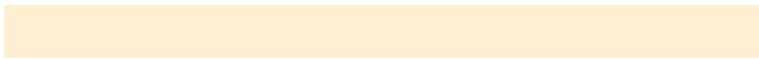
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4305, 75.0282, 71.3747



74.5371, 70.9011, 65.2930



83.5935, 87.3542, 73.4290



18.2048, 18.3777, 18.7321



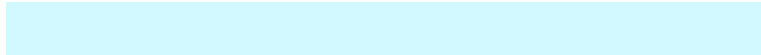
21.9077, 11.8265, 1.1281



2.1905, 1.2663, 0.1290

Inverse Universe

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



78.5030, 88.6703, 107.5853



75.7811, 86.7451, 107.3571



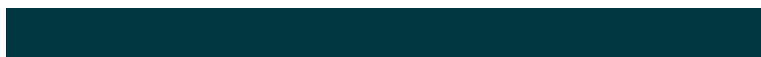
71.9616, 75.5875, 105.4048



18.3360, 20.0435, 23.1523



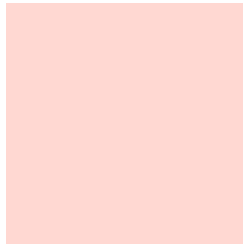
23.0186, 30.9467, 54.1947



2.2961, 3.1229, 5.2950

Previews

White Background



This preview shows how the XYZ color 77.4287, 75.0249, 71.3731 looks on a white background.

Color Contrast Check

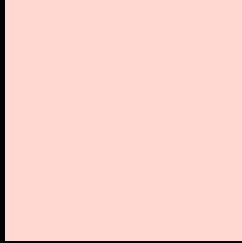
Large Text (above 18pt) WCAG AA × Fail

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 77.4287, 75.0249, 71.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

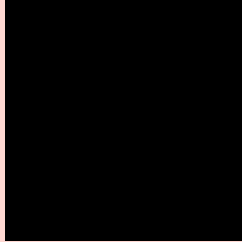
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4287, 75.0249, 71.3731

Background



This preview shows how black text looks on a background with the XYZ color 77.4287, 75.0249, 71.3731.



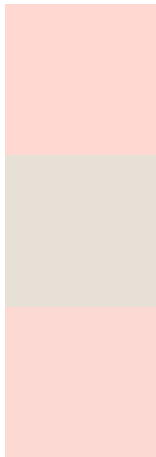
This preview shows how white text looks on a background with the XYZ color 77.4287, 75.0249,

71.3731.

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

77.4287, 75.0249, 71.3731

Protanopia

71.7483, 75.1553, 74.3432

Deuteranopia

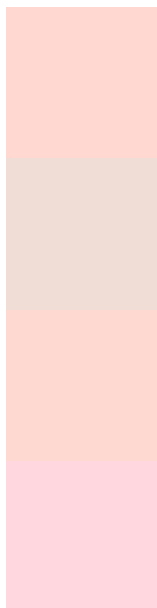
76.5906, 74.9743, 71.4075



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

77.4287, 75.0249, 71.3731

Protanomaly

73.8019, 75.0423, 73.5456

Deuteranomaly

76.9537, 75.1615, 71.4245

Tritanomaly

78.7253, 75.1348, 79.4604

Monochromacy



Original Color

77.4287, 75.0249, 71.3731

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3639, 76.0003, 79.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4287, 75.0249, 71.3731 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, 216, 210) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 210)  
}
```

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, 216, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 210) }
```

Border

The CSS property to change the border of an element to XYZ 77.4287, 75.0249, 71.3731 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, 216, 210) }
```


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

```
.border{ border-color:rgb(255, 216, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4287, 75.0249, 71.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 210) }
```

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

```
.background{ background-color: rgb(255,  
216, 210) }
```

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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