

Converting Colors

XYZ(77.1419, 76.8646, 69.1631)

Have a look what the booklet for
XYZ(77.1419, 76.8646, 69.1631)
contains.

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Color

**XYZ(77.1419, 76.8646,
69.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDDCE
RGB	252, 221, 206
RGB Percent	99%, 87%, 81%
CMY	0.0118, 0.1333, 0.1922
CMYK	0.00, 0.12, 0.18, 0.01
HSL	20°, 88%, 90%
HSV	20°, 18%, 99%
XYZ	77.1419, 76.8646, 69.1631
YIQ	228.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

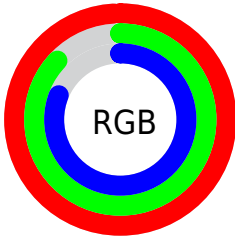
Format	Color
R _Y B	252, 228, 206
Decimal	16571854
CIE Lab	90.26, 8.38, 11.28
CIE LCh	90, 14.055, 53.393
Yxy	76.8646, 0.3457, 0.3444
Android (android.graphics.Color)	4294761934 (0xFFFCDDCE)
YUV	228.5590, -11.1216, 20.5578
Hunter-Lab	87.6725, 3.6331, 14.5980

Details

The XYZ color **77.1419, 76.8646, 69.1631** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3079, 80.7165, 103.8121**, and the grayscale version is **74.2211, 78.0863, 85.0360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8094, 41.1415, 35.4433** is the 20% darker color. If you saturate the color by 10%, you get **70.0643, 67.2218, 52.8918**, and if you desaturate by 10%, it is **85.1680, 87.6175, 88.1739**.

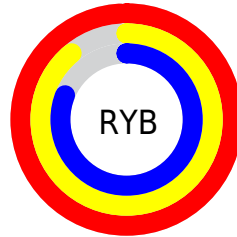
Distribution



Red (99%)

Green (87%)

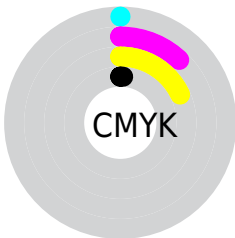
Blue (81%)



Red (99%)

Yellow (89%)

Blue (81%)

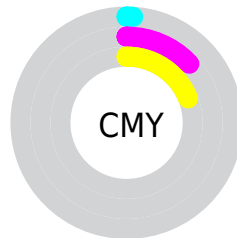


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1419, 76.8646, 69.1631 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 77.1419, 76.8646, 69.1631 by changing the saturation by 10% instead.


 77.1419, 76.8646,
69.1631

 77.1419, 76.8646,
69.1631


474.1322,
484.3023, 476.3155

 57.6697, 57.1418,
50.3720


128.3115,
128.9483, 119.6844

 41.7854, 41.1191,
35.3358


160.7397,
162.0780, 152.2516

 29.1236, 28.4121,
23.6360


198.2172,
200.4454, 190.2480

 19.3191, 18.6366,
14.8542

241.1093,
244.4350, 234.0920

 12.0065, 11.4080,
8.5716

289.7816,
294.4310, 284.2022

 6.8203, 6.3419,
4.3699

344.5992,

 3.3953, 3.0541,

350.8180, 340.9972

1.8304

405.9277,
413.9803, 404.8955

■ 1.3661, 1.1600,
0.4479

■ 0.2319, 0.0287,
0.0000

■ 77.1419, 76.8646,
69.1631

■ 77.1419, 76.8646,
69.1631

■ 70.0643, 67.2218,
52.8918

■ 85.1680, 87.6175,
88.1739

■ 63.8923, 58.6426,
39.2276

■ 93.9443, 99.4140,
108.8452

■ 58.5885, 51.0924,
28.0345

■ 93.9551, 99.4356,
108.8488

■ 54.1106, 44.5303,
19.1622

■ 50.4123, 38.9130,
12.4436

■ 47.4418, 34.1932,
7.6890

■ 45.1401, 30.3188,
4.6747

■ 43.4308, 27.2284,
3.0929

■ 43.1775, 26.7605,
2.8896

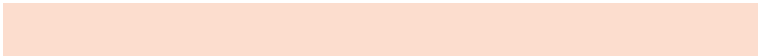
Harmonies

Analogous

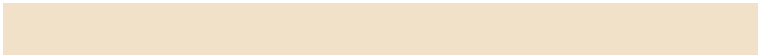
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4057, 76.8646, 76.2755



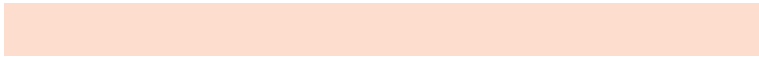
77.1419, 76.8646, 69.1631



73.8340, 76.8646, 65.9800

Triad

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



77.1419, 76.8646, 69.1631



66.5782, 76.8646, 81.4959



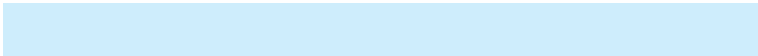
75.7605, 76.8646, 102.6446

Complementary

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



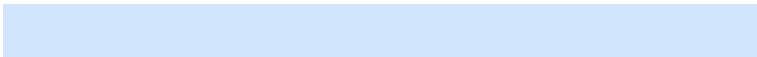
77.1419, 76.8646, 69.1631



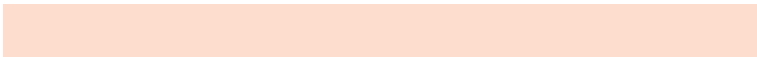
73.3079, 80.7165, 103.8121

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.



72.2864, 76.8646, 104.3211



77.1419, 76.8646, 69.1631



67.0570, 76.8646, 91.5753

Square

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



77.1419, 76.8646, 69.1631



67.7905, 76.8646, 72.7239



69.1199, 76.8646, 100.1263



78.5905, 76.8646, 95.7119

Rectangle

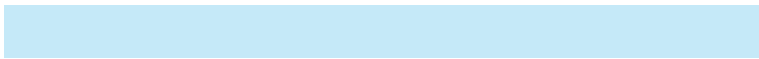
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1419, 76.8646, 69.1631



71.5107, 76.8646, 66.3185



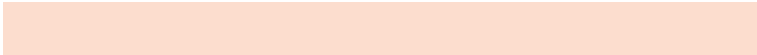
69.1199, 76.8646, 100.1263



74.6264, 76.8646, 103.8632

Sweetspot

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



77.1440, 76.8681, 69.1647



90.3849, 93.8464, 97.5518



77.5664, 70.9788, 90.0659



19.2101, 19.9070, 20.5516



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.



77.1440, 76.8681, 69.1647



76.4015, 75.1074, 64.4424



83.5066, 89.5932, 71.2856



17.7069, 18.1497, 18.0324



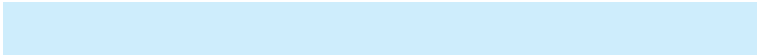
22.6103, 14.1773, 1.5448



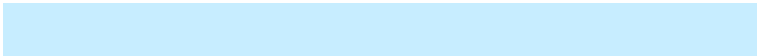
2.1863, 1.4975, 0.1738

Inverse Universe

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



73.3079, 80.7165, 103.8121



71.7742, 79.7436, 106.2169



67.1816, 68.4639, 101.7700



17.2607, 18.5983, 22.0654



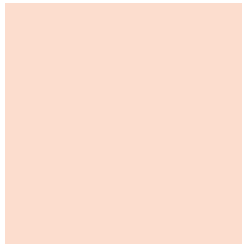
16.7612, 18.8780, 50.7340



1.6489, 1.9414, 4.7310

Previews

White Background



This preview shows how the XYZ color 77.1419, 76.8646, 69.1631 looks on a white background.

Color Contrast Check

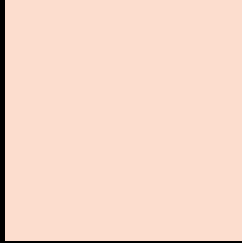
Large Text (above 18pt) WCAG AA × Fail

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 77.1419, 76.8646, 69.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

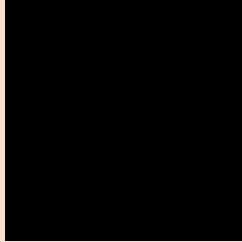
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1419, 76.8646, 69.1631

Background



This preview shows how black text looks on a background with the XYZ color 77.1419, 76.8646, 69.1631.

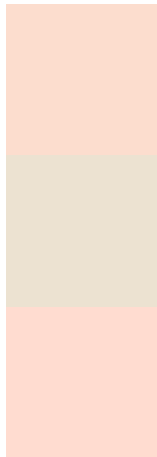


This preview shows how white text looks on a background with the XYZ color 77.1419, 76.8646,

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

77.1419, 76.8646, 69.1631

Protanopia

73.2971, 76.8290, 71.2879

Deuteranopia

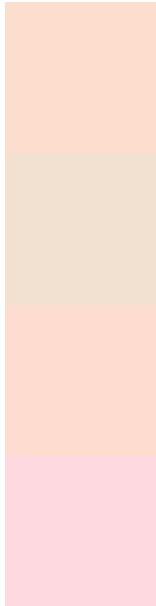
78.2184, 77.0005, 70.4145



Tritanopia

80.9041, 76.8262, 88.4067

Trichromacy



Original Color

77.1419, 76.8646, 69.1631

Protanomaly

74.6588, 76.7426, 70.5524

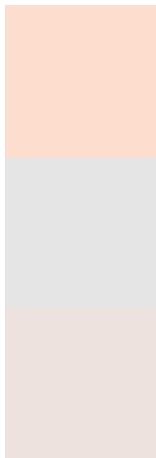
Deuteranomaly

77.7287, 76.7622, 69.7513

Tritanomaly

79.3990, 76.5955, 81.1206

Monochromacy



Original Color

77.1419, 76.8646, 69.1631

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1726, 77.6177, 79.4263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1419, 76.8646, 69.1631 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(252, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(252, 221, 206)  
}
```

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(252, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 221, 206) }
```

Border

The CSS property to change the border of an element to XYZ 77.1419, 76.8646, 69.1631 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(252, 221, 206) }
```


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

```
.border{ border-color:rgb(252, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(252, 221,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1419, 76.8646, 69.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 221, 206) }
```

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

```
.background{ background-color: rgb(252,  
221, 206) }
```

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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