

Converting Colors

XYZ(77.3121, 77.7826, 67.4387)

Have a look what the booklet for
XYZ(77.3121, 77.7826, 67.4387)
contains.

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Color

**XYZ(77.3121, 77.7826,
67.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDFCB
RGB	252, 223, 203
RGB Percent	99%, 87%, 80%
CMY	0.0118, 0.1255, 0.2039
CMYK	0.00, 0.12, 0.19, 0.01
HSL	24°, 89%, 89%
HSV	24°, 19%, 99%
XYZ	77.3121, 77.7826, 67.4387
YIQ	229.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

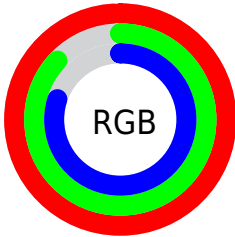
Format	Color
R _Y B	252, 237, 203
Decimal	16572363
CIE Lab	90.68, 6.91, 13.45
CIE LCh	91, 15.120, 62.815
Yxy	77.7826, 0.3474, 0.3495
Android (android.graphics.Color)	4294762443 (0xFFFCDFCB)
YUV	229.3910, -13.0108, 19.8281
Hunter-Lab	88.1944, 2.1345, 16.3995

Details

The XYZ color **77.3121, 77.7826, 67.4387** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0555, 77.4363, 103.2978**, and the grayscale version is **74.8465, 78.7444, 85.7526**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9331, 41.7773, 34.2875** is the 20% darker color. If you saturate the color by 10%, you get **70.7400, 69.0597, 51.6166**, and if you desaturate by 10%, it is **84.7275, 87.4096, 85.9519**.

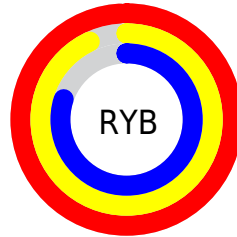
Distribution



Red (99%)

Green (87%)

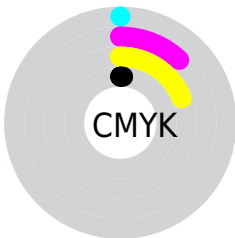
Blue (80%)



Red (99%)

Yellow (93%)

Blue (80%)

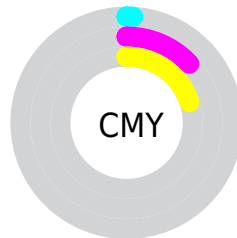


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3121, 77.7826, 67.4387 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 77.3121, 77.7826, 67.4387 by changing the saturation by 10% instead.

77.3121, 77.7826,
67.4387

77.3121, 77.7826,
67.4387

474.7031,
487.4282, 470.0487

57.8099, 57.8954,
48.9774

128.5505,
130.2436, 117.1954

41.8985, 41.7246,
34.2361

161.0173,
163.5862, 149.3279

29.2126, 28.8857,
22.7962

198.5364,
202.1828, 186.8545

19.3868, 18.9944,
14.2392

241.4731,
246.4176, 230.1938

12.0557, 11.6662,
8.1466

290.1928,
296.6752, 279.7644

6.8541, 6.5168,
4.0998

345.0608,

3.4166, 3.1618,

353.3399, 335.9846

1.6802

406.4424,
416.7961, 399.2732

■ 1.3777, 1.2168,
0.3471

■ 0.2402, 0.0753,
0.0000

■ 77.3121, 77.7826,
67.4387

■ 77.3121, 77.7826,
67.4387

■ 70.7400, 69.0597,
51.6166

■ 84.7275, 87.4096,
85.9519

■ 64.9724, 61.2030,
38.3537

■ 93.0105, 97.9563,
107.2698

■ 59.9764, 54.1869,
27.5142

■ 93.9552, 99.4356,
108.8488

■ 55.7144, 47.9808,
18.9476

■ 52.1449, 42.5516,
12.4864

■ 49.2215, 37.8636,
7.9395

■ 46.8905, 33.8770,
5.0804

■ 45.0741, 30.5412,
3.5596

■ 44.9837, 30.3726,
3.4916

Harmonies

Analogous

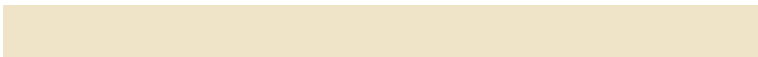
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2299, 77.7826, 73.8701



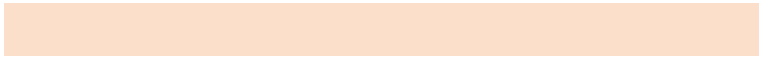
77.3121, 77.7826, 67.4387



73.5724, 77.7826, 65.4973

Triad

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



77.3121, 77.7826, 67.4387



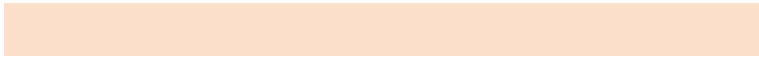
66.8827, 77.7826, 85.7220



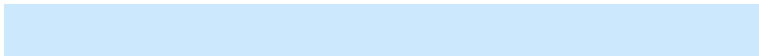
77.9530, 77.7826, 103.4855

Complementary

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



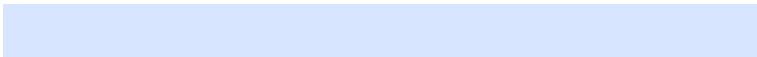
77.3121, 77.7826, 67.4387



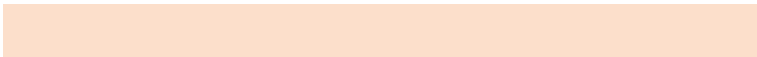
71.0555, 77.4363, 103.2978

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.



74.2888, 77.7826, 107.3123



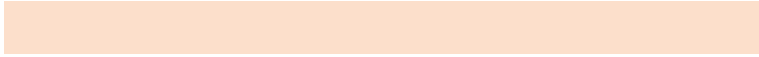
77.3121, 77.7826, 67.4387



67.9689, 77.7826, 96.5224

Square

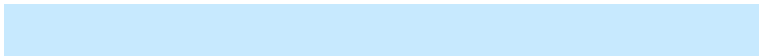
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3121, 77.7826, 67.4387



67.6308, 77.7826, 75.5040



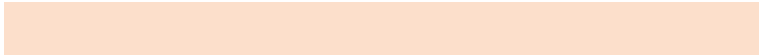
70.6481, 77.7826, 104.6624



80.6088, 77.7826, 94.5968

Rectangle

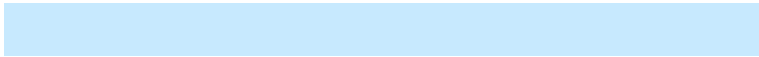
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3121, 77.7826, 67.4387



71.1381, 77.7826, 66.8622



70.6481, 77.7826, 104.6624



76.7941, 77.7826, 105.4393

Sweetspot

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



77.3142, 77.7861, 67.4403



89.8631, 93.4124, 95.4987



76.1241, 69.2573, 85.9989



19.1178, 19.8451, 20.1421



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.



77.3142, 77.7861, 67.4403



76.9143, 76.6026, 63.1656



84.2165, 91.5907, 69.7411



17.8265, 18.3888, 18.0722



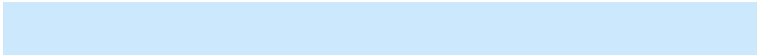
23.5685, 16.0937, 1.8642



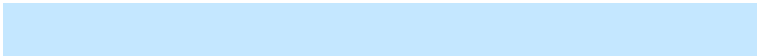
2.2841, 1.6931, 0.2064

Inverse Universe

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



71.0555, 77.4363, 103.2978



69.4976, 76.1857, 105.6501



64.7318, 64.7889, 101.1899



17.1369, 18.3507, 22.0241



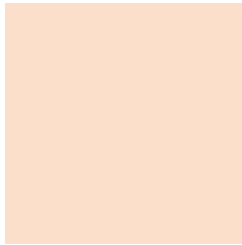
14.9096, 15.1748, 50.1168



1.4851, 1.6139, 4.6764

Previews

White Background



This preview shows how the XYZ color 77.3121, 77.7826, 67.4387 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 77.3121, 77.7826, 67.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

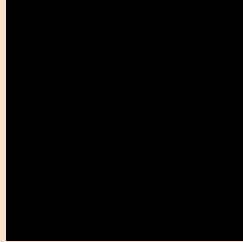
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3121, 77.7826, 67.4387

Background



This preview shows how black text looks on a background with the XYZ color 77.3121, 77.7826, 67.4387.

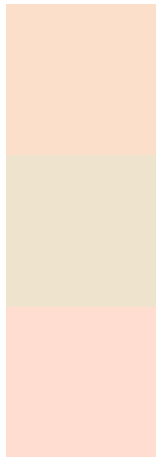


This preview shows how white text looks on a background with the XYZ color 77.3121, 77.7826,

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

77.3121, 77.7826, 67.4387

Protanopia

74.0227, 78.0717, 68.9255

Deuteranopia

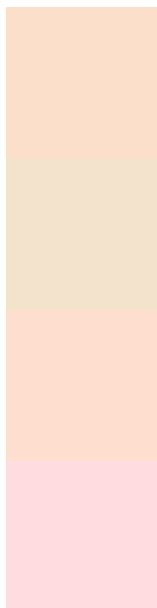
78.4816, 77.5270, 70.5023



Tritanopia

81.5669, 77.9212, 89.3385

Trichromacy



Original Color

77.3121, 77.7826, 67.4387

Protanomaly

75.0576, 77.8070, 68.1890

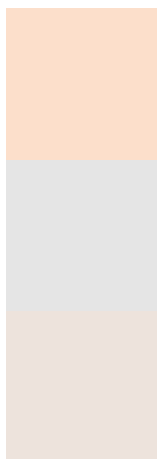
Deuteranomaly

78.1349, 77.7696, 69.2854

Tritanomaly

79.7855, 77.5849, 80.5823

Monochromacy



Original Color

77.3121, 77.7826, 67.4387

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3124, 78.1100, 78.8175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3121, 77.7826, 67.4387 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, 223, 203) looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 203)  
}
```

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, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 203) }
```

Border

The CSS property to change the border of an element to XYZ 77.3121, 77.7826, 67.4387 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, 223, 203) }
```


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

```
.border{ border-color:rgb(252, 223, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3121, 77.7826, 67.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 203) }
```

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

```
.background{ background-color: rgb(252,  
223, 203) }
```

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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