

Converting Colors

XYZ(75.8851, 77.2749, 68.4954)

Have a look what the booklet for
XYZ(75.8851, 77.2749, 68.4954)
contains.

XYZ(76.0329, 77.4932, 68.7079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.0329, 77.4932,
68.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E0CD
RGB	247, 224, 205
RGB Percent	97%, 88%, 80%
CMY	0.0314, 0.1215, 0.1961
CMYK	0.00, 0.09, 0.17, 0.03
HSL	27°, 72%, 89%
HSV	27°, 17%, 97%
XYZ	76.0329, 77.4932, 68.7079
YIQ	228.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

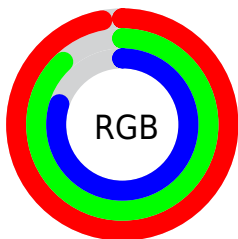
Format	Color
R _Y B	247, 240, 205
Decimal	16244941
CIE Lab	90.55, 4.89, 12.16
CIE LCh	91, 13.105, 68.090
Yxy	77.4932, 0.3421, 0.3487
Android (android.graphics.Color)	4294435021 (0xFFFF7E0CD)
YUV	228.7110, -11.6895, 16.0395
Hunter-Lab	88.0302, 0.1200, 15.3451

Details

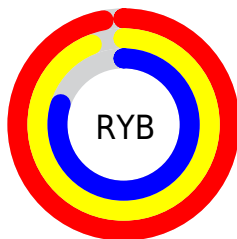
The XYZ color **76.0329, 77.4932, 68.7079** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7085, 75.1798, 98.8336**, and the grayscale version is **74.3385, 78.2099, 85.1706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0091, 41.5574, 35.1381** is the 20% darker color. If you saturate the color by 10%, you get **69.7930, 69.4136, 53.0610**, and if you desaturate by 10%, it is **83.0369, 86.3462, 86.9335**.

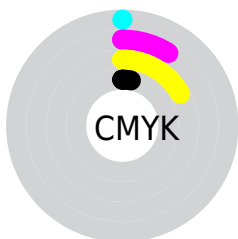
Distribution



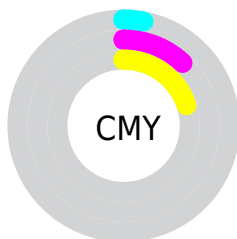
- Red (97%)
- Green (88%)
- Blue (80%)



- Red (97%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0329, 77.4932, 68.7079 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 76.0329, 77.4932, 68.7079 by changing the saturation by 10% instead.


 76.0329, 77.4932,
68.7079

 76.0329, 77.4932,
68.7079


470.4030,
486.4440, 474.6661

 56.7566, 57.6578,
50.0036


126.7535,
129.8354, 119.0280

 41.0493, 41.5336,
35.0450


158.9286,
163.1110, 151.4809

 28.5454, 28.7362,
23.4137


196.1340,
201.6355, 189.3538

 18.8798, 18.8814,
14.6911

238.7350,
245.7931, 233.0651

 11.6869, 11.5846,
8.4587

287.0971,
295.9684, 283.0335

 6.6015, 6.4615,
4.2979

341.5855,

 3.2583, 3.1277,

352.5457, 339.6774

1.7901

402.5657,
415.9094, 403.4154

■ 1.2918, 1.1987,
0.4214

■ 0.1771, 0.0607,
0.0000

■ 76.0329, 77.4932,
68.7079

■ 76.0329, 77.4932,
68.7079

■ 69.7930, 69.4136,
53.0610

■ 83.0369, 86.3462,
86.9335

■ 64.2820, 62.0749,
39.8695

■ 90.8257, 95.9834,
107.8433

■ 59.4715, 55.4571,
29.0075

■ 92.1681, 98.5143,
108.7651

■ 55.3283, 49.5354,
20.3358

■ 51.8159, 44.2833,
13.7000

■ 48.8938, 39.6720,
8.9254

■ 46.5154, 35.6696,
5.8070

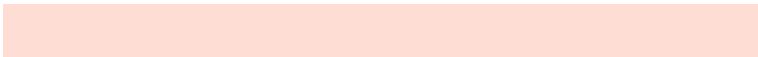
■ 44.6230, 32.2393,
4.0834

■ 44.1264, 31.3109,
3.7179

Harmonies

Analogous

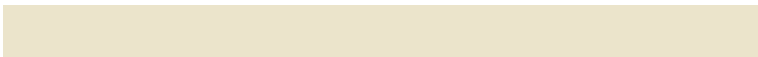
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7297, 77.4932, 73.7202



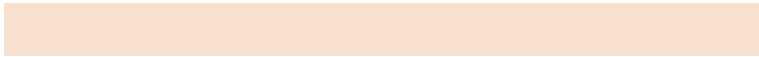
76.0329, 77.4932, 68.7079



72.7712, 77.4932, 67.7319

Triad

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



76.0329, 77.4932, 68.7079



67.5872, 77.4932, 86.9437



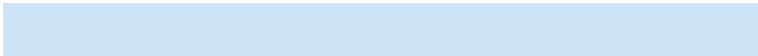
77.6135, 77.4932, 99.4020

Complementary

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



76.0329, 77.4932, 68.7079



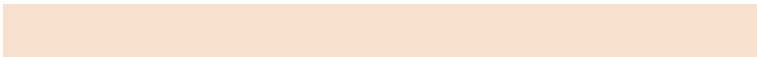
69.7085, 75.1798, 98.8336

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.



74.5458, 77.4932, 103.5473



76.0329, 77.4932, 68.7079



68.8031, 77.4932, 96.0141

Square

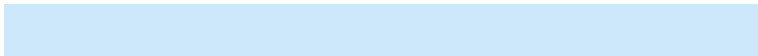
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0329, 77.4932, 68.7079



67.9587, 77.4932, 77.8165



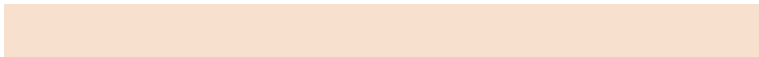
71.3271, 77.4932, 102.2636



79.6610, 77.4932, 91.2961

Rectangle

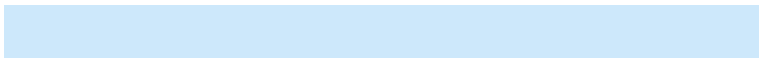
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0329, 77.4932, 68.7079



70.7258, 77.4932, 69.4278



71.3271, 77.4932, 102.2636



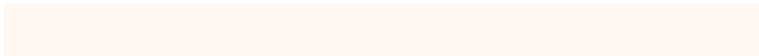
76.6639, 77.4932, 101.3312

Sweetspot

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



76.0350, 77.4967, 68.7095



90.8779, 94.8325, 97.7161



74.2075, 69.0448, 82.8884



19.3298, 20.1463, 20.5914



0.0000, 0.0000, 0.0000



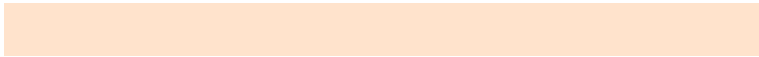
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0350, 77.4967, 68.7095



79.6292, 80.5999, 68.4872



82.0002, 89.4271, 70.6979



17.1167, 17.7175, 17.3152



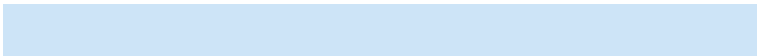
23.4744, 16.8344, 2.0121



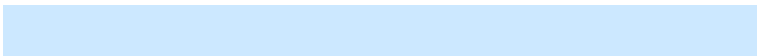
2.1644, 1.6820, 0.2106

Inverse Universe

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



69.7085, 75.1798, 98.8336



71.7868, 77.7273, 105.8270



64.3034, 64.3697, 97.0319



16.3332, 17.4307, 21.0462



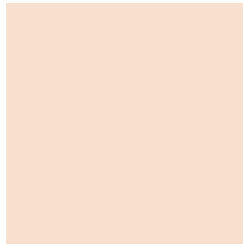
13.6223, 13.0384, 48.3367



1.2999, 1.3512, 4.2825

Previews

White Background



This preview shows how the XYZ color 76.0329, 77.4932, 68.7079 looks on a white background.

Color Contrast Check

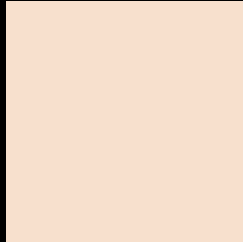
Large Text (above 18pt) WCAG AA × Fail

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 76.0329, 77.4932, 68.7079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

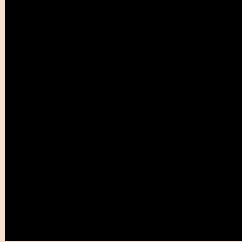
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0329, 77.4932, 68.7079

Background



This preview shows how black text looks on a background with the XYZ color 76.0329, 77.4932, 68.7079.

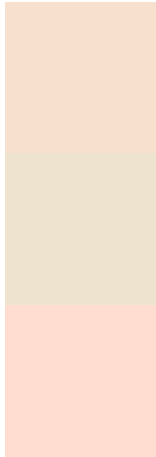


This preview shows how white text looks on a background with the XYZ color 76.0329, 77.4932,

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

76.0329, 77.4932, 68.7079

Protanopia

73.6566, 77.4477, 70.0983

Deuteranopia

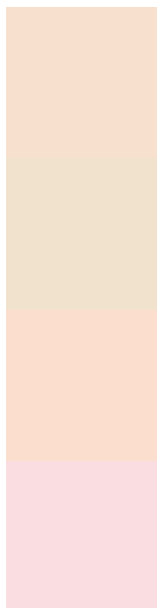
78.4816, 77.5270, 70.5023



Tritanopia

80.4012, 77.2867, 90.8010

Trichromacy



Original Color

76.0329, 77.4932, 68.7079

Protanomaly

74.6126, 77.5497, 69.4286

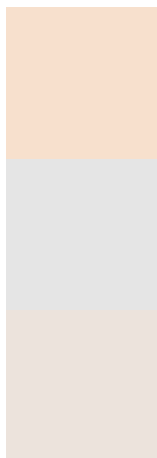
Deuteranomaly

77.5286, 77.4430, 69.8933

Tritanomaly

78.8714, 77.4731, 82.0310

Monochromacy



Original Color

76.0329, 77.4932, 68.7079

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9794, 77.9383, 78.8019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0329, 77.4932, 68.7079 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(247, 224, 205) looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 205)  
}
```

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(247, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 205) }
```

Border

The CSS property to change the border of an element to XYZ 76.0329, 77.4932, 68.7079 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(247, 224, 205) }
```


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

```
.border{ border-color:rgb(247, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(247, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0329, 77.4932, 68.7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 205) }
```

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

```
.background{ background-color: rgb(247,  
224, 205) }
```

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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