

Converting Colors

XYZ(76.9990, 75.5305, 67.0215)

Have a look what the booklet for
XYZ(76.9990, 75.5305, 67.0215)
contains.

XYZ(77.0909, 75.7146, 67.0512)	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(77.0909, 75.7146,
67.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDACB
RGB	255, 218, 203
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1451, 0.2039
CMYK	0.00, 0.15, 0.20, 0.00
HSL	17°, 100%, 90%
HSV	17°, 20%, 100%
XYZ	77.0909, 75.7146, 67.0512
YIQ	227.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

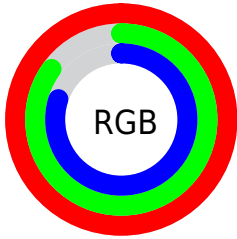
Format	Color
R _Y B	255, 224, 203
Decimal	16767691
CIE Lab	89.73, 10.57, 12.13
CIE LCh	90, 16.093, 48.926
Yxy	75.7146, 0.3506, 0.3444
Android (android.graphics.Color)	4294957771 (0xFFFFDACB)
YUV	227.3530, -12.0060, 24.2464
Hunter-Lab	87.0141, 5.8688, 15.2223

Details

The XYZ color **77.0909, 75.7146, 67.0512** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8378, 82.2343, 106.5889**, and the grayscale version is **73.3432, 77.1627, 84.0302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8107, 40.3701, 34.0223** is the 20% darker color. If you saturate the color by 10%, you get **69.8488, 65.7002, 50.8576**, and if you desaturate by 10%, it is **85.3514, 86.9655, 86.0520**.

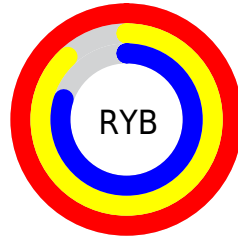
Distribution



Red (100%)

Green (85%)

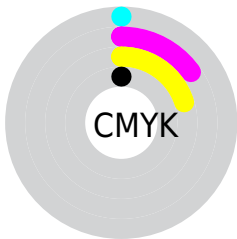
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

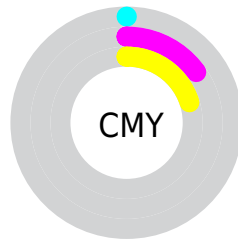


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0909, 75.7146, 67.0512 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 77.0909, 75.7146, 67.0512 by changing the saturation by 10% instead.


 77.0909, 75.7146,
67.0512

 77.0909, 75.7146,
67.0512


473.9611,
480.3702, 468.6335

 57.6277, 56.1985,
48.6644


128.2399,
127.3234, 116.6351

 41.7515, 40.3621,
33.9896


160.6565,
160.1849, 148.6693

 29.0970, 27.8210,
22.6083


198.1215,
198.2637, 186.0897

 19.2989, 18.1908,
14.1020

241.0003,
241.9441, 229.3148

 11.9917, 11.0870,
8.0521

289.6583,
291.6105, 278.7632

 6.8102, 6.1254,
4.0400

344.4609,

 3.3890, 2.9215,

347.6474, 334.8534

1.6473

405.7734,
410.4392, 398.0040

■ 1.3626, 1.0909,
0.3243

■ 0.2294, 0.0000,
0.0000

■ 77.0909, 75.7146,
67.0512

■ 77.0909, 75.7146,
67.0512

■ 69.8488, 65.7002,
50.8576

■ 85.3514, 86.9655,
86.0520

■ 63.5788, 56.8695,
37.3324

94.6635, 99.4835,
107.9803

■ 58.2389, 49.1805,
26.3321

95.0500, 100.0000,
108.9000

■ 53.7817, 42.5849,
17.6975

■ 50.1551, 37.0306,
11.2511

■ 47.3010, 32.4608,
6.7903

■ 45.1524, 28.8126,
4.0734

■ 43.6610, 26.1020,
2.7370

Harmonies

Analogous

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



79.4200, 75.7146, 75.5593



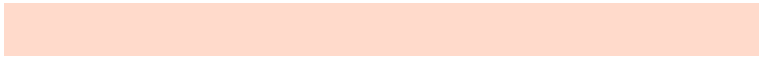
77.0909, 75.7146, 67.0512



73.4389, 75.7146, 62.8151

Triad

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



77.0909, 75.7146, 67.0512



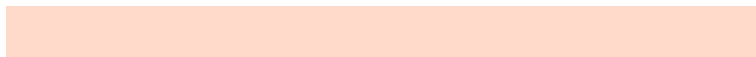
64.7386, 75.7146, 78.3170



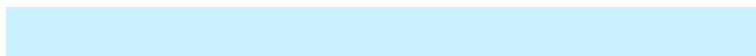
74.4657, 75.7146, 104.8677

Complementary

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



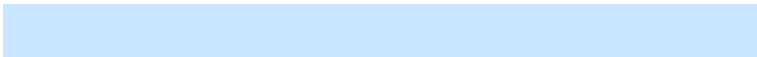
77.0909, 75.7146, 67.0512



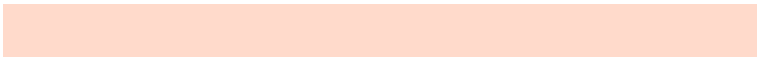
73.8378, 82.2343, 106.5889

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.



70.5099, 75.7146, 105.7787



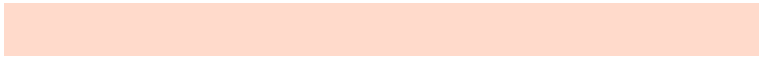
77.0909, 75.7146, 67.0512



64.9908, 75.7146, 89.7270

Square

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



77.0909, 75.7146, 67.0512



66.3686, 75.7146, 68.9101



67.0705, 75.7146, 100.0205



77.8663, 75.7146, 97.6349

Rectangle

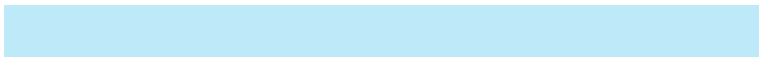
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0909, 75.7146, 67.0512



70.7880, 75.7146, 62.6965



67.0705, 75.7146, 100.0205



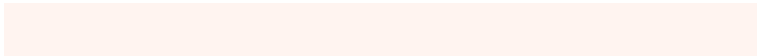
73.1538, 75.7146, 105.9467

Sweetspot

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



77.0927, 75.7179, 67.0528



89.3089, 92.3040, 95.3140



78.3642, 70.2798, 92.0814



18.9870, 19.5836, 20.0985



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.



77.0927, 75.7179, 67.0528



74.3638, 71.9634, 60.8922



84.2903, 90.1131, 69.4520



18.4363, 18.8407, 18.8093



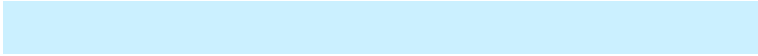
22.9239, 13.8590, 1.4668



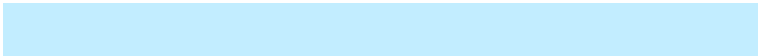
2.3209, 1.5272, 0.1724

Inverse Universe

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



73.8378, 82.2343, 106.5889



70.6296, 79.4285, 106.2164



66.7935, 68.1457, 104.2408



18.0861, 19.5437, 23.0690



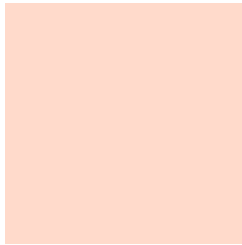
18.2446, 21.3988, 52.6034



1.8703, 2.2713, 5.1531

Previews

White Background



This preview shows how the XYZ color 77.0909, 75.7146, 67.0512 looks on a white background.

Color Contrast Check

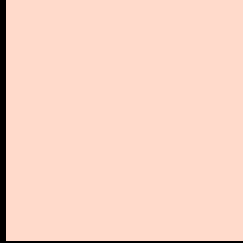
Large Text (above 18pt) WCAG AA × Fail

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 77.0909, 75.7146, 67.0512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

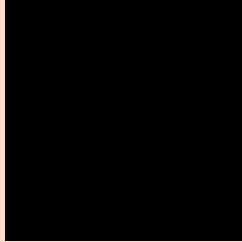
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0909, 75.7146, 67.0512

Background



This preview shows how black text looks on a background with the XYZ color 77.0909, 75.7146, 67.0512.

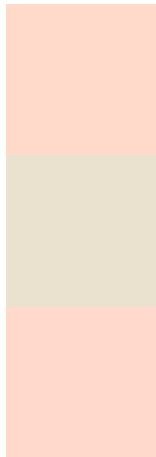


This preview shows how white text looks on a background with the XYZ color 77.0909, 75.7146,

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

77.0909, 75.7146, 67.0512

Protanopia

72.1194, 75.8478, 69.8705

Deuteranopia

77.2105, 75.7624, 67.6809



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

77.0909, 75.7146, 67.0512

Protanomaly

73.8798, 75.5760, 69.0863

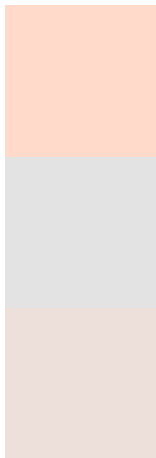
Deuteranomaly

77.2105, 75.7624, 67.6809

Tritanomaly

78.7141, 75.5390, 78.1420

Monochromacy



Original Color

77.0909, 75.7146, 67.0512

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2356, 76.3778, 77.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0909, 75.7146, 67.0512 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, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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(255, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 203) }
```

Border

The CSS property to change the border of an element to XYZ 77.0909, 75.7146, 67.0512 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, 218, 203) }
```


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

```
.border{ border-color:rgb(255, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0909, 75.7146, 67.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 203) }
```

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

```
.background{ background-color: rgb(255,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor