

Converting Colors

XYZ(77.2576, 75.2213, 69.6554)

Have a look what the booklet for
XYZ(77.2576, 75.2213, 69.6554)
contains.

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Color

**XYZ(77.3153, 75.3907,
69.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9CF
RGB	255, 217, 207
RGB Percent	100%, 85%, 81%
CMY	0.0000, 0.1490, 0.1882
CMYK	0.00, 0.15, 0.19, 0.00
HSL	13°, 100%, 91%
HSV	13°, 19%, 100%
XYZ	77.3153, 75.3907, 69.5084
YIQ	227.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

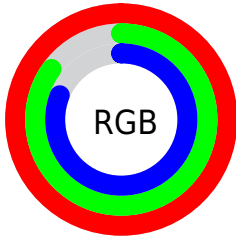
Format	Color
R _Y B	255, 220, 207
Decimal	16767439
CIE Lab	89.58, 11.68, 9.82
CIE LCh	90, 15.256, 40.058
Yxy	75.3907, 0.3479, 0.3393
Android (android.graphics.Color)	4294957519 (0xFFFFD9CF)
YUV	227.2220, -9.9694, 24.3613
Hunter-Lab	86.8278, 6.9956, 13.3160

Details

The XYZ color **77.3153, 75.3907, 69.5084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4336, 85.7876, 107.1379**, and the grayscale version is **73.2339, 77.0477, 83.9050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9588, 40.1463, 35.6745** is the 20% darker color. If you saturate the color by 10%, you get **69.5578, 64.4683, 52.7639**, and if you desaturate by 10%, it is **86.2164, 87.7938, 89.1199**.

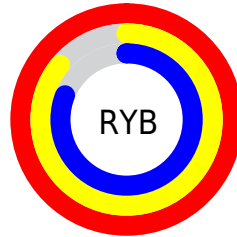
Distribution



Red (100%)

Green (85%)

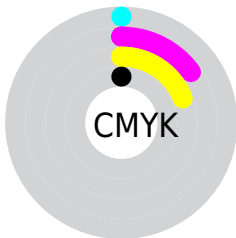
Blue (81%)



Red (100%)

Yellow (86%)

Blue (81%)

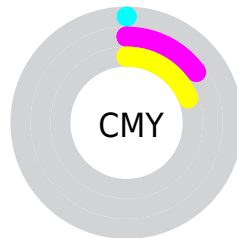


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3153, 75.3907, 69.5084 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 77.3153, 75.3907, 69.5084 by changing the saturation by 10% instead.

 77.3153, 75.3907,
69.5084

 77.3153, 75.3907,
69.5084


474.7138,
479.2594, 477.5644

 57.8125, 55.9330,
50.6515


128.5549,
126.8653, 120.1820

 41.9006, 40.1492,
35.5566


161.0225,
159.6509, 152.8357

 29.2142, 27.6549,
23.8049


198.5424,
197.6481, 190.9256

 19.3881, 18.0657,
14.9781

241.4799,
241.2411, 234.8700

 12.0567, 10.9972,
8.6576

290.2005,
290.8143, 285.0876

 6.8548, 6.0649,
4.4248

345.0694,

 3.4170, 2.8846,

346.7521, 341.9968

1.8611

406.4521,
409.4390, 406.0162

■ 1.3779, 1.0718,
0.4678

■ 0.2404, 0.0000,
0.0000

■ 77.3153, 75.3907,
69.5084

■ 77.3153, 75.3907,
69.5084

■ 69.5578, 64.4683,
52.7639

■ 86.2164, 87.7938,
89.1199

■ 62.8913, 54.9612,
38.7471

95.0500, 100.0000,
108.9000

■ 57.2674, 46.8140,
27.3137

■ 52.6317, 39.9635,
18.3048

■ 48.9245, 34.3415,
11.5432

■ 46.0794, 29.8733,
6.8277

■ 44.0203, 26.4756,
3.9205

■ 42.6478, 24.0493,
2.4804

■ 42.5200, 23.8200,
2.3567

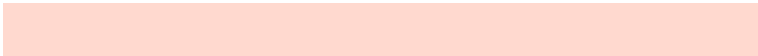
Harmonies

Analogous

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



78.9894, 75.3907, 78.5355



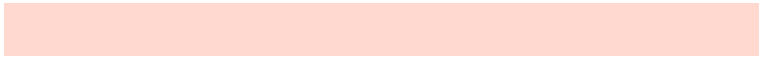
77.3153, 75.3907, 69.5084



74.1428, 75.3907, 64.1742

Triad

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



77.3153, 75.3907, 69.5084



65.0933, 75.3907, 75.2475



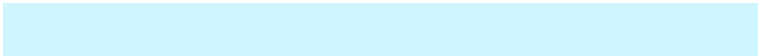
72.9226, 75.3907, 104.1331

Complementary

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



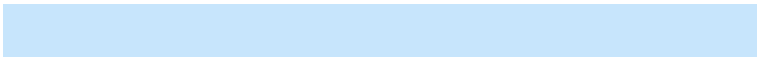
77.3153, 75.3907, 69.5084



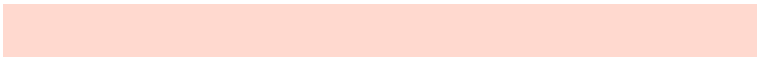
76.4336, 85.7876, 107.1379

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.



69.2266, 75.3907, 103.0583



77.3153, 75.3907, 69.5084



64.7923, 75.3907, 85.7453

Square

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



77.3153, 75.3907, 69.5084



67.1180, 75.3907, 67.2821



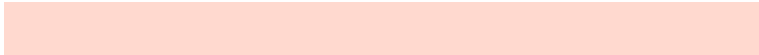
66.2810, 75.3907, 96.0998



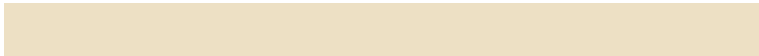
76.3954, 75.3907, 98.9200

Rectangle

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



77.3153, 75.3907, 69.5084



71.6493, 75.3907, 63.1297



66.2810, 75.3907, 96.0998



71.6639, 75.3907, 104.5052

Sweetspot

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



77.3171, 75.3940, 69.5100



88.9410, 91.5683, 95.1914



80.0958, 72.5035, 96.4800



18.9003, 19.4101, 20.0696



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

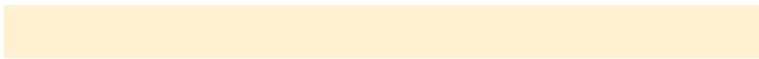
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3171, 75.3940, 69.5100



73.9400, 70.6540, 62.1742



83.8398, 88.4394, 71.6842



18.3161, 18.6003, 18.7692



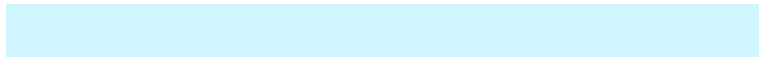
22.3030, 12.6172, 1.2599



2.2458, 1.3769, 0.1474

Inverse Universe

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



76.4336, 85.7876, 107.1379



72.8895, 82.9695, 106.7808



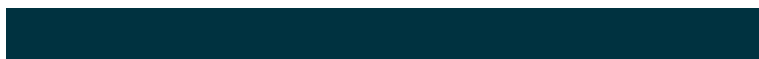
69.7451, 72.4106, 104.9084



18.2145, 19.8007, 23.1118



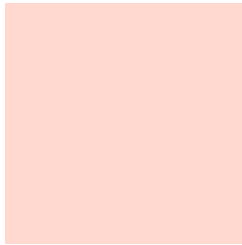
20.5604, 26.0304, 53.3753



2.0788, 2.6882, 5.2226

Previews

White Background



This preview shows how the XYZ color 77.3153, 75.3907, 69.5084 looks on a white background.

Color Contrast Check

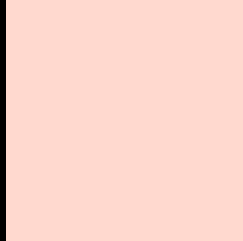
Large Text (above 18pt) WCAG AA × Fail

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 77.3153, 75.3907, 69.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

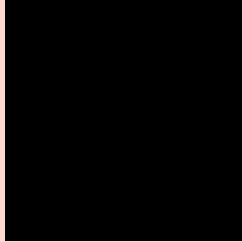
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3153, 75.3907, 69.5084

Background



This preview shows how black text looks on a background with the XYZ color 77.3153, 75.3907, 69.5084.



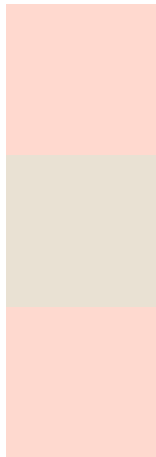
This preview shows how white text looks on a background with the XYZ color 77.3153, 75.3907,

69.5084.

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

77.3153, 75.3907, 69.5084

Protanopia

72.2874, 75.8772, 72.4638

Deuteranopia

76.9484, 75.2015, 69.4912



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

77.3153, 75.3907, 69.5084

Protanomaly

74.0298, 75.5965, 71.6626

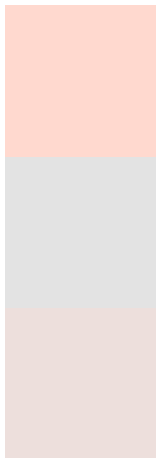
Deuteranomaly

76.9484, 75.2015, 69.4912

Tritanomaly

78.9807, 75.6457, 79.5456

Monochromacy



Original Color

77.3153, 75.3907, 69.5084

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2310, 75.9472, 78.4570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3153, 75.3907, 69.5084 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, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 207)  
}
```

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, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 207) }
```

Border

The CSS property to change the border of an element to XYZ 77.3153, 75.3907, 69.5084 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, 217, 207) }
```


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

```
.border{ border-color:rgb(255, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3153, 75.3907, 69.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 207) }
```

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

```
.background{ background-color: rgb(255,  
217, 207) }
```

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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