

Converting Colors

XYZ(77.3235, 75.2132, 70.1087)

Have a look what the booklet for
XYZ(77.3235, 75.2132, 70.1087)
contains.

XYZ(77.4380, 75.4398, 70.1544)	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(77.4380, 75.4398,
70.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D0
RGB	255, 217, 208
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1490, 0.1843
CMYK	0.00, 0.15, 0.18, 0.00
HSL	11°, 100%, 91%
HSV	11°, 18%, 100%
XYZ	77.4380, 75.4398, 70.1544
YIQ	227.3360, 25.5370, 5.2570

Conversions

Conversions Part 2

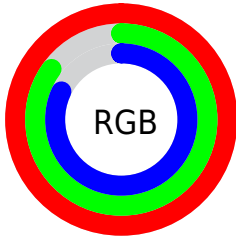
Format	Color
R _Y B	255, 219, 208
Decimal	16767440
CIE Lab	89.60, 11.82, 9.33
CIE LCh	90, 15.060, 38.262
Yxy	75.4398, 0.3472, 0.3382
Android (android.graphics.Color)	4294957520 (0xFFFFD9D0)
YUV	227.3360, -9.5326, 24.2613
Hunter-Lab	86.8561, 7.1465, 12.9102

Details

The XYZ color **77.4380, 75.4398, 70.1544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0172, 86.5388, 107.2522**, and the grayscale version is **73.3140, 77.1321, 83.9968**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0418, 40.1795, 36.1114** is the 20% darker color. If you saturate the color by 10%, you get **69.5639, 64.3151, 53.2759**, and if you desaturate by 10%, it is **86.4839, 88.1003, 89.9138**.

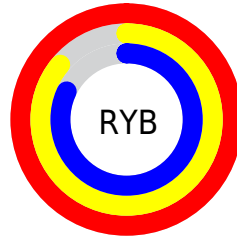
Distribution



Red (100%)

Green (85%)

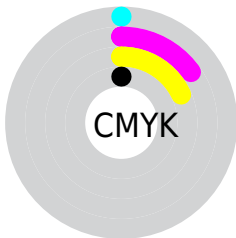
Blue (82%)



Red (100%)

Yellow (86%)

Blue (82%)

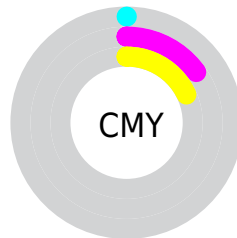


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4380, 75.4398, 70.1544 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 77.4380, 75.4398, 70.1544 by changing the saturation by 10% instead.


 77.4380, 75.4398,
70.1544

 77.4380, 75.4398,
70.1544


475.1252,
479.4279, 479.8957

 57.9136, 55.9733,
51.1748


128.7271,
126.9347, 121.1121

 41.9822, 40.1815,
35.9701


161.2226,
159.7319, 153.9273

 29.2784, 27.6801,
24.1216


198.7725,
197.7414, 192.1915

 19.4369, 18.0846,
15.2108

241.7421,
241.3477, 236.3232

 12.0922, 11.0108,
8.8192

290.4968,
290.9350, 286.7409

 6.8792, 6.0741,
4.5282

345.4020,

 3.4323, 2.8902,

346.8879, 343.8632

1.9194

406.8230,
409.5907, 408.1086

■ 1.3863, 1.0747,
0.5050

■ 0.2464, 0.0000,
0.0000

■ 77.4380, 75.4398,
70.1544

■ 77.4380, 75.4398,
70.1544

■ 69.5639, 64.3151,
53.2759

■ 86.4839, 88.1003,
89.9138

■ 62.8077, 54.6579,
39.1387

95.0500, 100.0000,
108.9000

■ 57.1194, 46.4094,
27.5988

■ 52.4428, 39.5030,
18.4969

■ 48.7165, 33.8666,
11.6562

■ 45.8722, 29.4209,
6.8757

■ 43.8313, 26.0778,
3.9185

■ 42.4940, 23.7330,
2.4561

■ 42.3323, 23.4447,
2.2941

Harmonies

Analogous

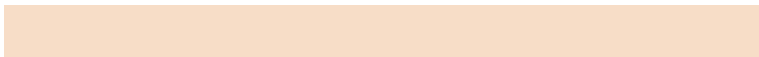
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9797, 75.4398, 79.2469



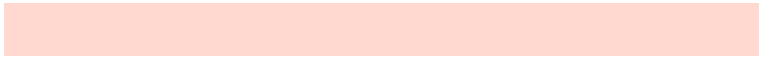
77.4380, 75.4398, 70.1544



74.3717, 75.4398, 64.6252

Triad

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



77.4380, 75.4398, 70.1544



65.2934, 75.4398, 74.8209



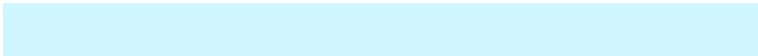
72.7308, 75.4398, 104.0087

Complementary

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



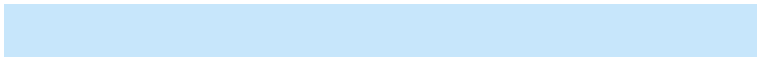
77.4380, 75.4398, 70.1544



77.0172, 86.5388, 107.2522

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.



69.0995, 75.4398, 102.5665



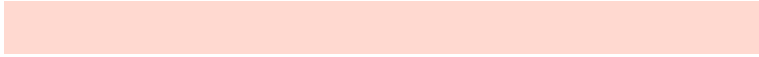
77.4380, 75.4398, 70.1544



64.8881, 75.4398, 85.1050

Square

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



77.4380, 75.4398, 70.1544



67.3856, 75.4398, 67.1536



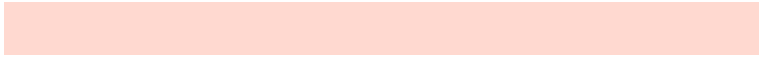
66.2589, 75.4398, 95.4209



76.2015, 75.4398, 99.2075

Rectangle

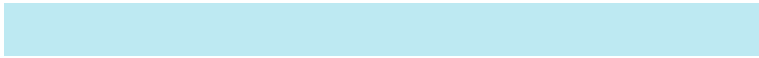
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



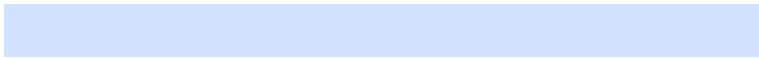
77.4380, 75.4398, 70.1544



71.9194, 75.4398, 63.4056



66.2589, 75.4398, 95.4209



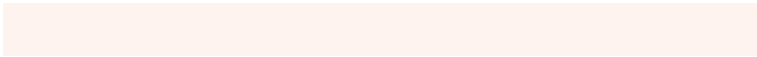
71.4876, 75.4398, 104.2455

Sweetspot

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



77.4398, 75.4431, 70.1560



88.8640, 91.4142, 95.1657



80.4898, 73.0499, 97.3556



18.8822, 19.3738, 20.0636



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

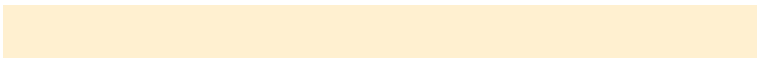
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4398, 75.4431, 70.1560



74.4971, 71.2987, 63.8076



83.8199, 88.2033, 72.2827



18.2910, 18.5501, 18.7608



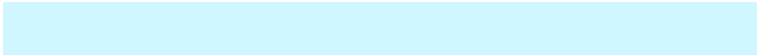
22.1993, 12.4098, 1.2253



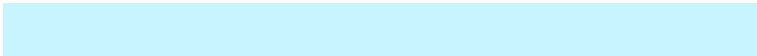
2.2322, 1.3498, 0.1429

Inverse Universe

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



77.0172, 86.5388, 107.2522



74.0031, 84.2012, 106.9598



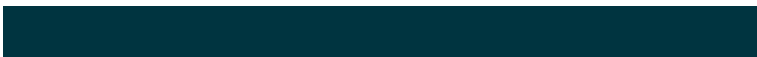
70.4197, 73.3437, 105.0530



18.2417, 19.8550, 23.1209



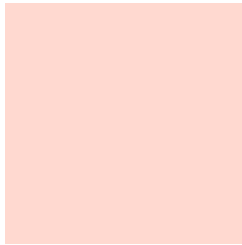
21.0876, 27.0848, 53.5510



2.1257, 2.7821, 5.2382

Previews

White Background



This preview shows how the XYZ color 77.4380, 75.4398, 70.1544 looks on a white background.

Color Contrast Check

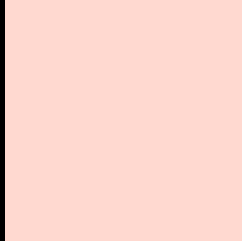
Large Text (above 18pt) WCAG AA × Fail

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 77.4380, 75.4398, 70.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

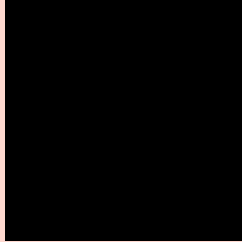
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4380, 75.4398, 70.1544

Background



This preview shows how black text looks on a background with the XYZ color 77.4380, 75.4398, 70.1544.

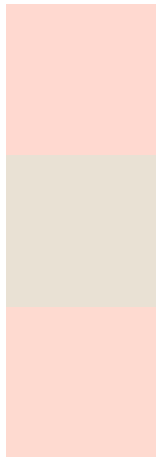


This preview shows how white text looks on a background with the XYZ color 77.4380, 75.4398,

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

77.4380, 75.4398, 70.1544

Protanopia

72.4132, 75.9275, 73.1263

Deuteranopia

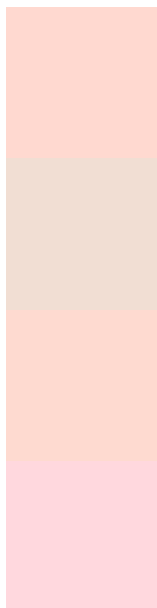
77.3296, 75.7677, 70.2234



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

77.4380, 75.4398, 70.1544

Protanomaly

74.1548, 75.6465, 72.3209

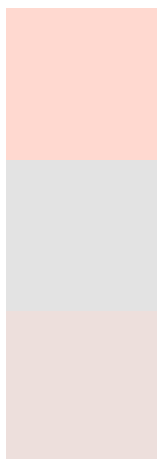
Deuteranomaly

77.3296, 75.7677, 70.2234

Tritanomaly

78.9807, 75.6457, 79.5456

Monochromacy



Original Color

77.4380, 75.4398, 70.1544

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 77.4380, 75.4398, 70.1544 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.4380, 75.4398, 70.1544 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, 208) }
```


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

```
.border{ border-color:rgb(255, 217, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4380, 75.4398, 70.1544 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
217, 208) }
```

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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