

Converting Colors

XYZ(120.0485, 96.8961,
72.1809)

Have a look what the booklet for
XYZ(120.0485, 96.8961, 72.1809)
contains.

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Color

**XYZ(77.1810, 74.9258,
70.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D0
RGB	255, 216, 208
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1529, 0.1843
CMYK	0.00, 0.15, 0.18, 0.00
HSL	10°, 100%, 91%
HSV	10°, 18%, 100%
XYZ	77.1810, 74.9258, 70.0688
YIQ	226.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

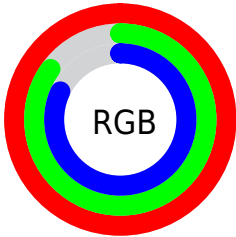
Format	Color
R _Y B	255, 218, 208
Decimal	16767184
CIE Lab	89.36, 12.34, 8.98
CIE LCh	89, 15.265, 36.041
Yxy	74.9258, 0.3474, 0.3372
Android (android.graphics.Color)	4294957264 (0xFFFFD8D0)
YUV	226.7490, -9.2433, 24.7761
Hunter-Lab	86.5597, 7.6802, 12.5974

Details

The XYZ color **77.1810, 74.9258, 70.0688** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3223, 87.1489, 107.3538**, and the grayscale version is **72.8848, 76.6805, 83.5050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8663, 39.8286, 36.0529** is the 20% darker color. If you saturate the color by 10%, you get **69.2168, 63.6209, 53.1602**, and if you desaturate by 10%, it is **86.3512, 87.8348, 89.8697**.

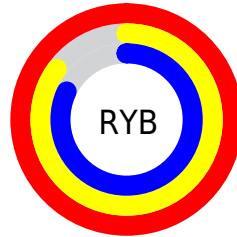
Distribution



Red (100%)

Green (85%)

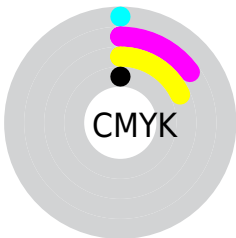
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

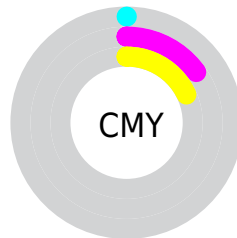


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1810, 74.9258, 70.0688 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 77.1810, 74.9258, 70.0688 by changing the saturation by 10% instead.


 77.1810, 74.9258,
70.0688

 77.1810, 74.9258,
70.0688


474.2634,
477.6625, 479.5872

 57.7019, 55.5521,
51.1055


128.3664,
126.2073, 120.9889

 41.8114, 39.8439,
35.9152


160.8035,
158.8839, 153.7828

 29.1441, 27.4169,
24.0796


198.2905,
196.7637, 192.0239

 19.3347, 17.8866,
15.1799

241.1929,
240.2309, 236.1308

 12.0178, 10.8686,
8.7977

289.8761,
289.6700, 286.5220

 6.8281, 5.9785,
4.5145

344.7053,

 3.4002, 2.8320,

345.4653, 343.6161

1.9116

406.0460,
408.0014, 407.8317

■ 1.3688, 1.0447,
0.5001

■ 0.2338, 0.0000,
0.0000

■ 77.1810, 74.9258,
70.0688

■ 77.1810, 74.9258,
70.0688

■ 69.2168, 63.6209,
53.1602

■ 86.3512, 87.8348,
89.8697

■ 62.4026, 53.8477,
39.0037

95.0500, 100.0000,
108.9000

■ 56.6862, 45.5430,
27.4544

■ 52.0088, 38.6351,
18.3523

■ 48.3064, 33.0464,
11.5195

■ 45.5074, 28.6914,
6.7541

■ 43.5296, 25.4743,
3.8180

■ 42.2685, 23.2819,
2.3810

■ 42.1196, 23.0192,
2.2232

Harmonies

Analogous

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



78.5978, 74.9258, 79.4361



77.1810, 74.9258, 70.0688



74.1710, 74.9258, 64.1926

Triad

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



77.1810, 74.9258, 70.0688



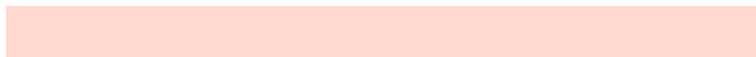
64.8515, 74.9258, 73.5111



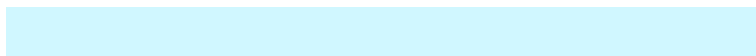
71.9732, 74.9258, 103.7916

Complementary

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



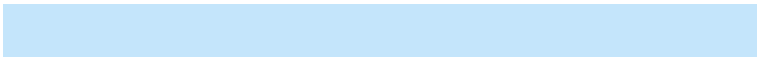
77.1810, 74.9258, 70.0688



77.3223, 87.1489, 107.3538

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.



68.3380, 74.9258, 101.8571



77.1810, 74.9258, 70.0688



64.3091, 74.9258, 83.7651

Square

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



77.1810, 74.9258, 70.0688



67.0724, 74.9258, 66.0551



65.5641, 74.9258, 94.2908



75.5242, 74.9258, 99.3680

Rectangle

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



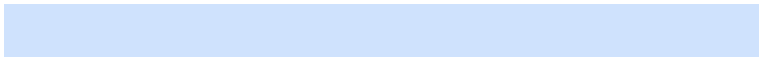
77.1810, 74.9258, 70.0688



71.7117, 74.9258, 62.7352



65.5641, 74.9258, 94.2908



70.7200, 74.9258, 103.8681

Sweetspot

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



77.1828, 74.9291, 70.0704



88.7669, 91.2199, 95.1333



80.6106, 73.0983, 97.9916



18.8593, 19.3281, 20.0559



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.



77.1828, 74.9291, 70.0704



74.2041, 70.7127, 63.7099



83.5897, 87.7428, 72.2060



18.2593, 18.4869, 18.7503



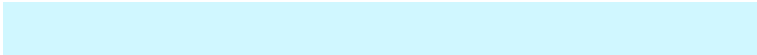
22.0809, 12.1730, 1.1858



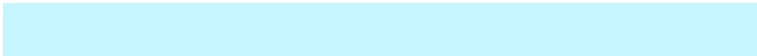
2.2162, 1.3177, 0.1375

Inverse Universe

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



77.3223, 87.1489, 107.3538



74.3639, 84.9230, 107.0801



70.6293, 73.7630, 105.1229



18.2761, 19.9238, 23.1324



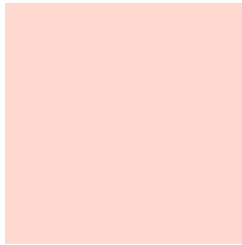
21.7742, 28.4579, 53.7799



2.1865, 2.9037, 5.2585

Previews

White Background



This preview shows how the XYZ color 77.1810, 74.9258, 70.0688 looks on a white background.

Color Contrast Check

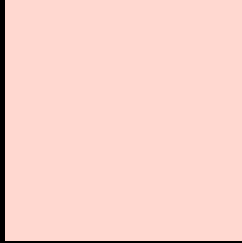
Large Text (above 18pt) WCAG AA × Fail

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 77.1810, 74.9258, 70.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

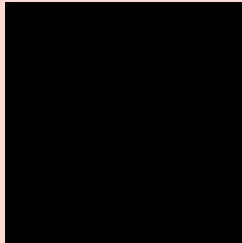
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

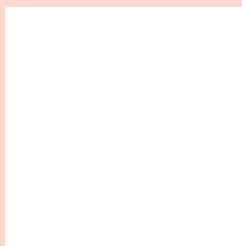
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1810, 74.9258, 70.0688

Background



This preview shows how black text looks on a background with the XYZ color 77.1810, 74.9258, 70.0688.



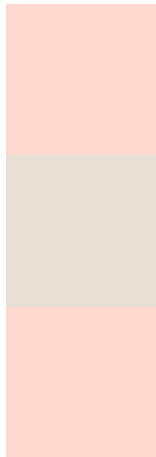
This preview shows how white text looks on a background with the XYZ color 77.1810, 74.9258,

70.0688.

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

77.1810, 74.9258, 70.0688

Protanopia

71.8180, 75.2206, 73.0212

Deuteranopia

76.7060, 75.0624, 70.1202



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

77.1810, 74.9258, 70.0688

Protanomaly

73.5495, 74.9413, 72.2167

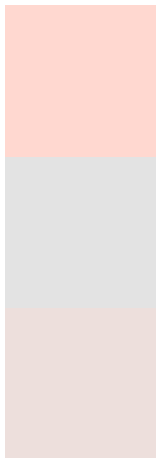
Deuteranomaly

77.0711, 75.2506, 70.1372

Tritanomaly

78.5916, 75.0813, 78.7565

Monochromacy



Original Color

77.1810, 74.9258, 70.0688

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 77.1810, 74.9258, 70.0688 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, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.1810, 74.9258, 70.0688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

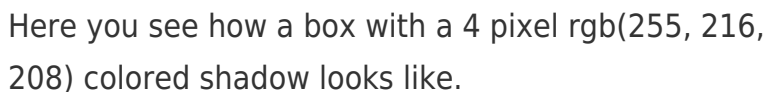
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 216, 208) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 208); box-shadow:4px 4px 4px 4px rgb(255, 216, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1810, 74.9258, 70.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 208) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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