

Converting Colors

XYZ(76.5110, 76.0818, 70.9782)

Have a look what the booklet for
XYZ(76.5110, 76.0818, 70.9782)
contains.

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Color

**XYZ(76.5262, 76.1138,
70.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	FADCD1
RGB	250, 220, 209
RGB Percent	98%, 86%, 82%
CMY	0.0196, 0.1372, 0.1804
CMYK	0.00, 0.12, 0.16, 0.02
HSL	16°, 80%, 90%
HSV	16°, 16%, 98%
XYZ	76.5262, 76.1138, 70.9797
YIQ	227.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

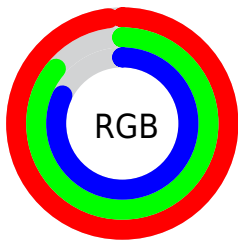
Format	Color
R _Y B	250, 224, 209
Decimal	16440529
CIE Lab	89.91, 8.63, 9.19
CIE LCh	90, 12.610, 46.795
Yxy	76.1138, 0.3422, 0.3404
Android (android.graphics.Color)	4294630609 (0xFFFADCD1)
YUV	227.7160, -9.2270, 19.5431
Hunter-Lab	87.2432, 3.8973, 12.8329

Details

The XYZ color **76.5262, 76.1138, 70.9797** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4160, 82.1888, 102.3852**, and the grayscale version is **73.5913, 77.4238, 84.3145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3638, 40.6143, 36.6696** is the 20% darker color. If you saturate the color by 10%, you get **69.1305, 65.8928, 54.4233**, and if you desaturate by 10%, it is **84.9370, 87.5864, 90.2724**.

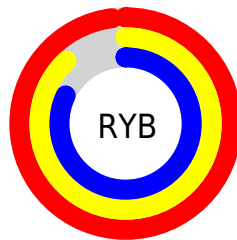
Distribution



Red (98%)

Green (86%)

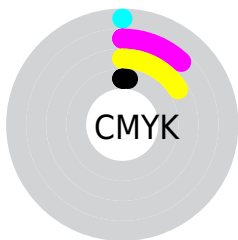
Blue (82%)



Red (98%)

Yellow (88%)

Blue (82%)

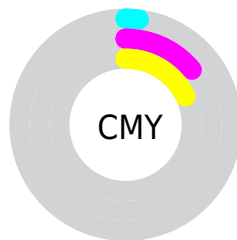


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5262, 76.1138, 70.9797 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 76.5262, 76.1138, 70.9797 by changing the saturation by 10% instead.


 76.5262, 76.1138,
70.9797

 76.5262, 76.1138,
70.9797


472.0638,
481.7372, 482.8642

 57.1627, 56.5258,
51.8439


127.4468,
127.8878, 122.2990

 41.3765, 40.6247,
36.4993


159.7347,
160.8425, 155.3196

 28.8024, 28.0259,
24.5273

197.0613,
199.0217, 193.8055

 19.0749, 18.3452,
15.5094

239.7920,
242.8096, 238.1753

 11.8287, 11.1981,
9.0271

288.2923,
292.5908, 288.8476

 6.6985, 6.2002,
4.6618

342.9275,

 3.3189, 2.9672,

348.7495, 346.2408

1.9950

404.0629,
411.6701, 410.7735

■ 1.3246, 1.1146,
0.5522

■ 0.2015, 0.0000,
0.0000

■ 76.5262, 76.1138,
70.9797

■ 76.5262, 76.1138,
70.9797

■ 69.1305, 65.8928,
54.4233

■ 84.9370, 87.5864,
90.2724

■ 62.7043, 56.8703,
40.4738

■ 93.2347, 99.0642,
108.8150

■ 57.2075, 49.0047,
28.9985

■ 52.5948, 42.2478,
19.8510

■ 48.8168, 36.5480,
12.8693

■ 45.8188, 31.8492,
7.8704

■ 43.5385, 28.0897,
4.6406

■ 41.9018, 25.1996,
2.9140

■ 41.4378, 24.3504,
2.5161

Harmonies

Analogous

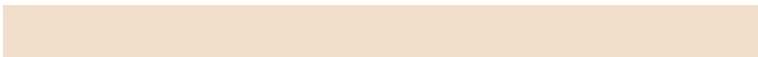
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2362, 76.1138, 78.0124



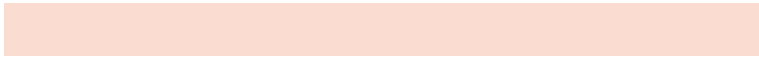
76.5262, 76.1138, 70.9797



73.7220, 76.1138, 67.2585

Triad

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



76.5262, 76.1138, 70.9797



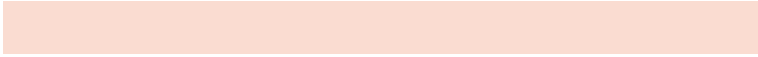
66.6630, 76.1138, 79.0145



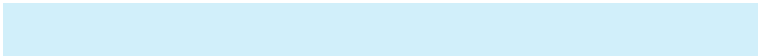
74.0900, 76.1138, 100.4223

Complementary

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



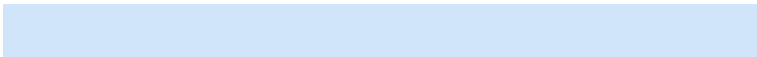
76.5262, 76.1138, 70.9797



74.4160, 82.1888, 102.3852

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.



70.9830, 76.1138, 100.7390



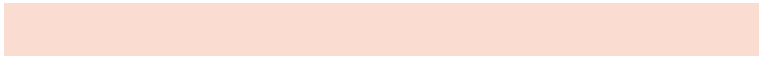
76.5262, 76.1138, 70.9797



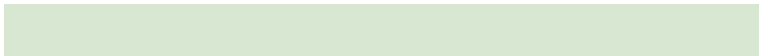
66.7551, 76.1138, 87.9356

Square

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



76.5262, 76.1138, 70.9797



68.0615, 76.1138, 71.6678



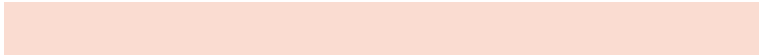
68.3168, 76.1138, 96.0301



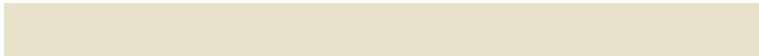
76.8022, 76.1138, 95.1936

Rectangle

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



76.5262, 76.1138, 70.9797



71.6369, 76.1138, 66.9688



68.3168, 76.1138, 96.0301



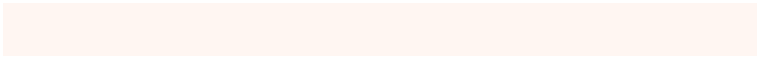
73.0555, 76.1138, 101.1192

Sweetspot

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



76.5283, 76.1172, 70.9813



90.1607, 93.3981, 97.4771



77.8156, 72.1619, 91.5412



19.1558, 19.7983, 20.5334



0.0000, 0.0000, 0.0000



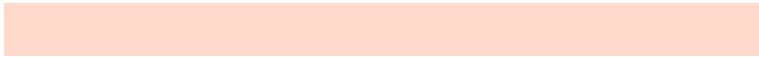
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5283, 76.1172, 70.9813



77.1298, 75.6010, 67.6540



82.2217, 87.5040, 72.8791



17.6235, 17.9829, 18.0046



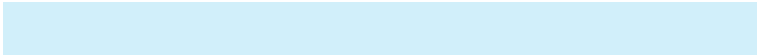
22.0804, 13.1174, 1.3682



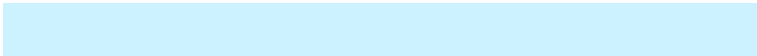
2.1285, 1.3818, 0.1545

Inverse Universe

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



74.4160, 82.1888, 102.3852



74.4994, 83.1526, 106.7313



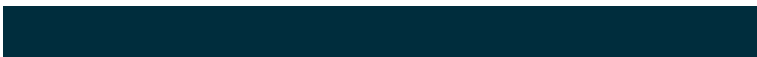
68.7694, 70.8958, 100.5030



17.3487, 18.7742, 22.0947



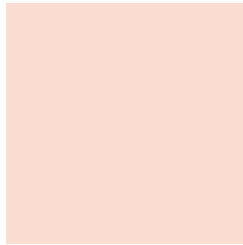
18.2488, 21.8532, 51.2298



1.7775, 2.1986, 4.7739

Previews

White Background



This preview shows how the XYZ color 76.5262, 76.1138, 70.9797 looks on a white background.

Color Contrast Check

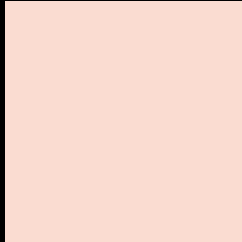
Large Text (above 18pt) WCAG AA × Fail

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 76.5262, 76.1138, 70.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

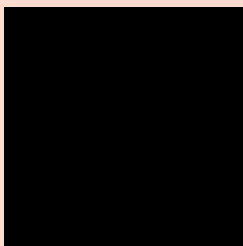
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5262, 76.1138, 70.9797

Background



This preview shows how black text looks on a background with the XYZ color 76.5262, 76.1138, 70.9797.



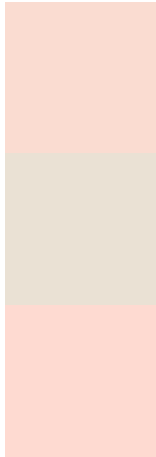
This preview shows how white text looks on a background with the XYZ color 76.5262, 76.1138,

70.9797.

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

76.5262, 76.1138, 70.9797

Protanopia

72.7406, 76.0963, 73.1416

Deuteranopia

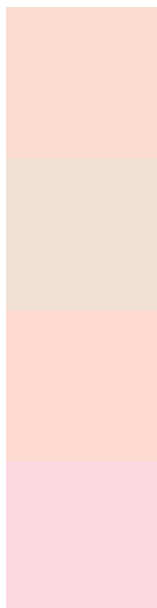
77.4531, 75.8171, 70.8735



Tritanopia

79.7719, 75.8776, 87.5322

Trichromacy



Original Color

76.5262, 76.1138, 70.9797

Protanomaly

74.0807, 76.0038, 72.3937

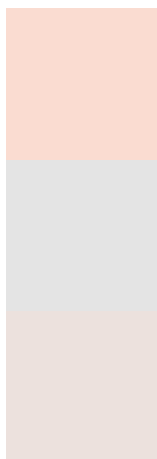
Deuteranomaly

77.3482, 76.1491, 70.9432

Tritanomaly

78.4123, 75.7030, 81.0004

Monochromacy



Original Color

76.5262, 76.1138, 70.9797

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5684, 76.9038, 79.3203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5262, 76.1138, 70.9797 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(250, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 209)  
}
```

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(250, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 209) }
```

Border

The CSS property to change the border of an element to XYZ 76.5262, 76.1138, 70.9797 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(250, 220, 209) }
```


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

```
.border{ border-color:rgb(250, 220, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 220, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 220, 209); box-shadow:4px 4px 4px 4px rgb(250, 220, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5262, 76.1138, 70.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 209) }
```

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

```
.background{ background-color: rgb(250,  
220, 209) }
```

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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