

Converting Colors

XYZ(77.7903, 75.4709, 72.3479)

Have a look what the booklet for
XYZ(77.7903, 75.4709, 72.3479)
contains.

XYZ(77.8107, 75.5889, 72.1171)	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(77.8107, 75.5889,
72.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D3
RGB	255, 217, 211
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1490, 0.1725
CMYK	0.00, 0.15, 0.17, 0.00
HSL	8°, 100%, 91%
HSV	8°, 17%, 100%
XYZ	77.8107, 75.5889, 72.1171
YIQ	227.6780, 24.5740, 6.1900

Conversions

Conversions Part 2

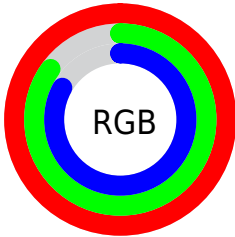
Format	Color
R _Y B	255, 218, 211
Decimal	16767443
CIE Lab	89.67, 12.27, 7.85
CIE LCh	90, 14.569, 32.602
Yxy	75.5889, 0.3450, 0.3352
Android (android.graphics.Color)	4294957523 (0xFFFFD9D3)
YUV	227.6780, -8.2223, 23.9614
Hunter-Lab	86.9419, 7.6045, 11.6791

Details

The XYZ color **77.8107, 75.5889, 72.1171** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7887, 88.8176, 107.5986**, and the grayscale version is **73.5548, 77.3853, 84.2726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2948, 40.2807, 37.4441** is the 20% darker color. If you saturate the color by 10%, you get **69.5621, 63.8081, 54.8270**, and if you desaturate by 10%, it is **87.3275, 89.0937, 92.3337**.

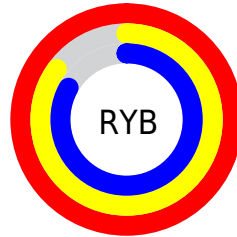
Distribution



Red (100%)

Green (85%)

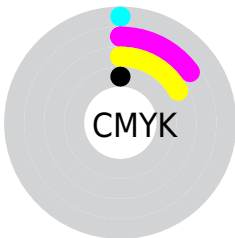
Blue (83%)



Red (100%)

Yellow (85%)

Blue (83%)

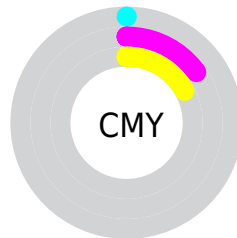


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8107, 75.5889, 72.1171 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 77.8107, 75.5889, 72.1171 by changing the saturation by 10% instead.


 77.8107, 75.5889,
72.1171

 77.8107, 75.5889,
72.1171


476.3734,
479.9393, 486.9376

 58.2207, 56.0955,
52.7669


129.2500,
127.1456, 123.9323

 42.2301, 40.2795,
37.2303


161.8301,
159.9777, 157.2343

 29.4734, 27.7565,
25.0887


199.4709,
198.0248, 196.0241

 19.5853, 18.1422,
15.9235

242.5377,
241.6713, 240.7201

 12.2005, 11.0521,
9.3163

291.3961,
291.3016, 291.7410

 6.9535, 6.1019,
4.8484

346.4112,

 3.4791, 2.9071,

347.3001, 349.5051

2.1014

407.9485,
410.0512, 414.4311

■ 1.4119, 1.0834,
0.6166

■ 0.2647, 0.0000,
0.0000

■ 77.8107, 75.5889,
72.1171

■ 77.8107, 75.5889,
72.1171

■ 69.5621, 63.8081,
54.8270

■ 87.3275, 89.0937,
92.3337

■ 62.5225, 53.6724,
40.3230

95.0500, 100.0000,
108.9000

■ 56.6362, 45.1113,
28.4604

■ 51.8410, 38.0454,
19.0796

■ 48.0688, 32.3883,
12.0036

■ 45.2434, 28.0447,
7.0318

■ 43.2777, 24.9073,
3.9291

■ 42.0660, 22.8507,
2.3946

■ 41.8352, 22.4504,
2.1284

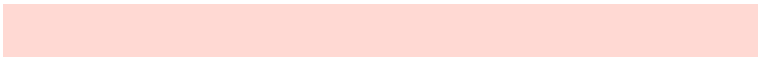
Harmonies

Analogous

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



78.9544, 75.5889, 81.4104



77.8107, 75.5889, 72.1171



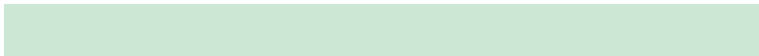
75.0644, 75.5889, 65.9891

Triad

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



77.8107, 75.5889, 72.1171



65.8964, 75.5889, 73.5480



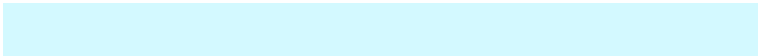
72.1584, 75.5889, 103.6448

Complementary

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



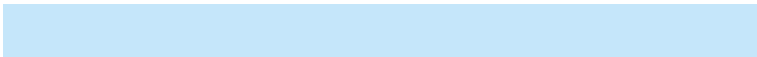
77.8107, 75.5889, 72.1171



78.7887, 88.8176, 107.5986

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.



68.7190, 75.5889, 101.1069



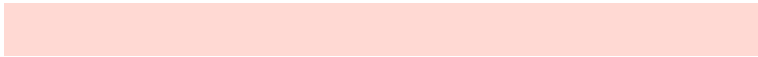
77.8107, 75.5889, 72.1171



65.1757, 75.5889, 83.2030

Square

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



77.8107, 75.5889, 72.1171



68.1941, 75.5889, 66.7656



66.1923, 75.5889, 93.4065



75.6239, 75.5889, 100.0823

Rectangle

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



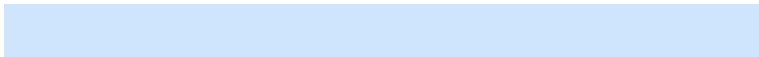
77.8107, 75.5889, 72.1171



72.7363, 75.5889, 64.2353



66.1923, 75.5889, 93.4065



70.9609, 75.5889, 103.4769

Sweetspot

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



77.8126, 75.5922, 72.1187



89.6523, 92.3812, 97.3076



81.6544, 74.6972, 99.8461



19.0326, 19.5519, 20.4924



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.



77.8126, 75.5922, 72.1187



74.5768, 70.9806, 65.3063



83.8257, 87.6185, 74.1231



18.2092, 18.3866, 18.7336



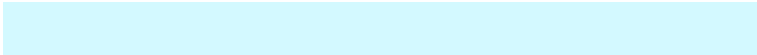
21.9204, 11.8521, 1.1323



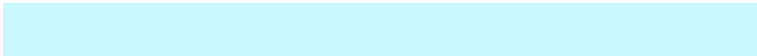
2.1926, 1.2705, 0.1297

Inverse Universe

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



78.7887, 88.8176, 107.5986



75.7313, 86.6454, 107.3405



72.4203, 76.0808, 105.4759



18.3310, 20.0337, 23.1507



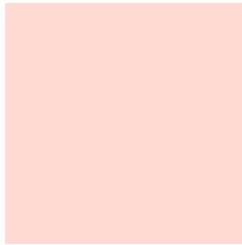
22.9136, 30.7367, 54.1597



2.2869, 3.1044, 5.2920

Previews

White Background



This preview shows how the XYZ color 77.8107, 75.5889, 72.1171 looks on a white background.

Color Contrast Check

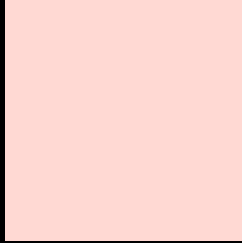
Large Text (above 18pt) WCAG AA × Fail

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 77.8107, 75.5889, 72.1171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

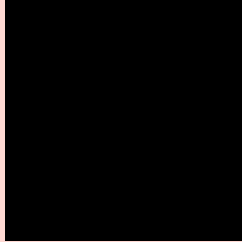
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

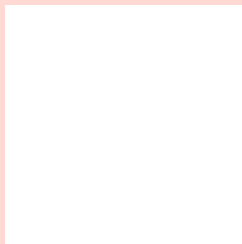
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.8107, 75.5889, 72.1171

Background



This preview shows how black text looks on a background with the XYZ color 77.8107, 75.5889, 72.1171.

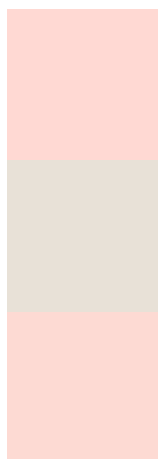


This preview shows how white text looks on a background with the XYZ color 77.8107, 75.5889,

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

77.8107, 75.5889, 72.1171

Protanopia

72.4697, 75.9125, 75.1230

Deuteranopia

77.3373, 75.7286, 72.1690



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

77.8107, 75.5889, 72.1171

Protanomaly

74.1941, 75.6229, 74.3046

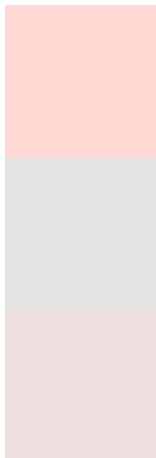
Deuteranomaly

77.7023, 75.9168, 72.1861

Tritanomaly

79.1151, 75.6994, 80.2537

Monochromacy



Original Color

77.8107, 75.5889, 72.1171

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1004, 76.7624, 79.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8107, 75.5889, 72.1171 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 211) }
```

Border

The CSS property to change the border of an element to XYZ 77.8107, 75.5889, 72.1171 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, 211) }
```


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

```
.border{ border-color:rgb(255, 217, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8107, 75.5889, 72.1171 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
217, 211) }
```

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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