

Converting Colors

XYZ(79.9452, 76.5630, 76.9503)

Have a look what the booklet for
XYZ(79.9452, 76.5630, 76.9503)
contains.

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Color

**XYZ(78.7077, 75.9477,
76.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DA
RGB	255, 217, 218
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1490, 0.1451
CMYK	0.00, 0.15, 0.15, 0.00
HSL	358°, 100%, 93%
HSV	358°, 15%, 100%
XYZ	78.7077, 75.9477, 76.8407
YIQ	228.4760, 22.3270, 8.3670

Conversions

Conversions Part 2

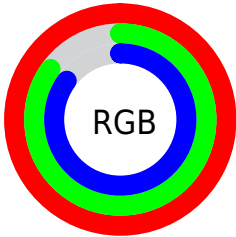
Format	Color
R _Y B	255, 217, 218
Decimal	16767450
CIE Lab	89.84, 13.34, 4.41
CIE LCh	90, 14.054, 18.293
Yxy	75.9477, 0.3400, 0.3281
Android (android.graphics.Color)	4294957530 (0xFFFFD9DA)
YUV	228.4760, -5.1647, 23.2615
Hunter-Lab	87.1480, 8.7033, 8.7260

Details

The XYZ color **78.7077, 75.9477, 76.8407** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2673, 93.4287, 107.4675**, and the grayscale version is **74.1182, 77.9781, 84.9182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8199, 40.4908, 40.2090** is the 20% darker color. If you saturate the color by 10%, you get **69.6260, 62.6006, 58.9647**, and if you desaturate by 10%, it is **89.2956, 91.5271, 97.6224**.

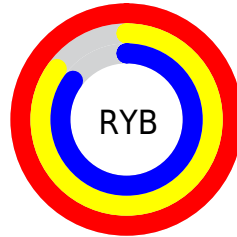
Distribution



Red (100%)

Green (85%)

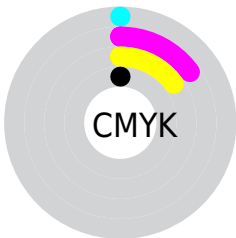
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

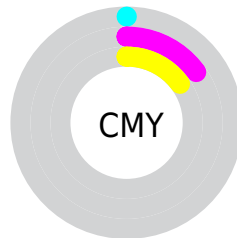


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7077, 75.9477, 76.8407 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 78.7077, 75.9477, 76.8407 by changing the saturation by 10% instead.


 78.7077, 75.9477,
76.8407

 78.7077, 75.9477,
76.8407


479.3701,
481.1686, 503.6440

 58.9603, 56.3896,
56.6114


130.5074,
127.6530, 130.6855

 42.8274, 40.5154,
40.2860


163.2904,
160.5690, 165.1381

 29.9437, 27.9406,
27.4461


201.1493,
198.7064, 205.1689

 19.9437, 18.2809,
17.6732

244.4495,
242.4496, 251.1963

 12.4621, 11.1518,
10.5486

293.5563,
292.1831, 303.6390

 7.1337, 6.1691,
5.6538

348.8351,

 3.5929, 2.9482,

348.2911, 362.9155

2.5704

410.6512,
411.1582, 429.4443

■ 1.4745, 1.1047,
0.8771

■ 0.3084, 0.0000,
0.0000

■ 78.7077, 75.9477,
76.8407

■ 78.7077, 75.9477,
76.8407

■ 69.6260, 62.6006,
58.9647

■ 89.2956, 91.5271,
97.6224

■ 61.9767, 51.3745,
43.8606

95.0500, 100.0000,
108.9000

■ 55.6886, 42.1630,
31.3910

■ 50.6816, 34.8470,
21.4051

■ 46.8679, 29.2946,
13.7366

■ 44.1482, 25.3573,
8.1993

■ 42.4074, 22.8620,
4.5781

■ 41.5045, 21.5962,
2.6126

■ 41.2766, 21.2746,
2.1227

Harmonies

Analogous

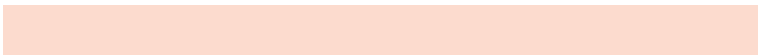
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9180, 75.9477, 86.6322



78.7077, 75.9477, 76.8407



76.7165, 75.9477, 69.2340

Triad

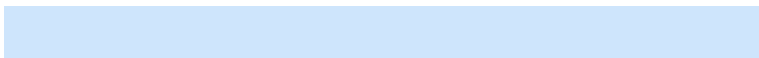
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7077, 75.9477, 76.8407



67.3189, 75.9477, 70.6218



70.8407, 75.9477, 102.8505

Complementary

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



78.7077, 75.9477, 76.8407



82.2673, 93.4287, 107.4675

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.



67.8375, 75.9477, 97.7947



78.7077, 75.9477, 76.8407



65.8482, 75.9477, 78.8773

Square

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



78.7077, 75.9477, 76.8407



70.1121, 75.9477, 65.8467



66.0349, 75.9477, 88.8375



74.3004, 75.9477, 102.1949

Rectangle

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



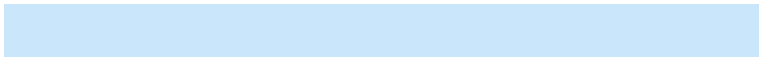
78.7077, 75.9477, 76.8407



74.6819, 75.9477, 66.1818



66.0349, 75.9477, 88.8375



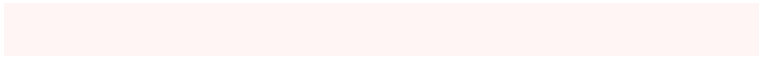
69.7464, 75.9477, 101.7471

Sweetspot

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



78.7096, 75.9510, 76.8423



90.3236, 93.0405, 99.6381



83.6401, 77.8695, 105.2298



19.1488, 19.6433, 20.9655



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

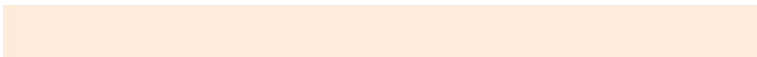
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7096, 75.9510, 76.8423



75.7356, 71.5782, 70.9948



83.3982, 85.5361, 77.7645



18.0287, 17.9948, 18.7681



21.5762, 11.1198, 1.1530



2.1073, 1.0853, 0.1464

Inverse Universe

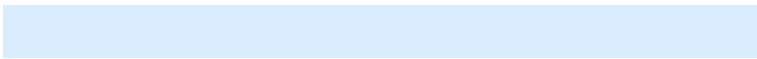
The Inverse Universe completely reimagines the original color for something new.



78.7096, 75.9510, 76.8423



75.7356, 71.5782, 70.9948



77.0294, 82.6973, 106.5100



18.0287, 17.9948, 18.7681



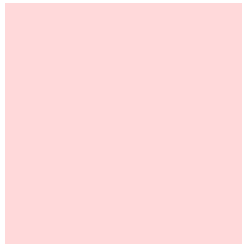
21.5762, 11.1198, 1.1530



2.1073, 1.0853, 0.1464

Previews

White Background



This preview shows how the XYZ color 78.7077, 75.9477, 76.8407 looks on a white background.

Color Contrast Check

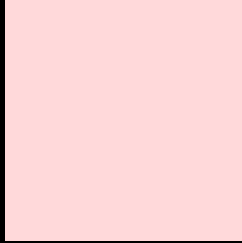
Large Text (above 18pt) WCAG AA × Fail

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 78.7077, 75.9477, 76.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

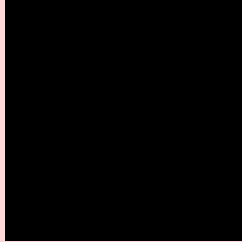
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7077, 75.9477, 76.8407

Background



This preview shows how black text looks on a background with the XYZ color 78.7077, 75.9477, 76.8407.



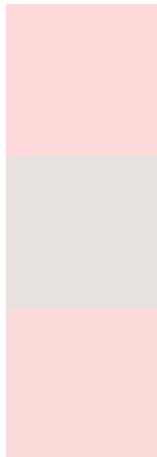
This preview shows how white text looks on a background with the XYZ color 78.7077, 75.9477,

76.8407.

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

78.7077, 75.9477, 76.8407

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

77.7701, 76.2342, 76.9454



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

78.7077, 75.9477, 76.8407

Protanomaly

75.1076, 75.9883, 79.1152

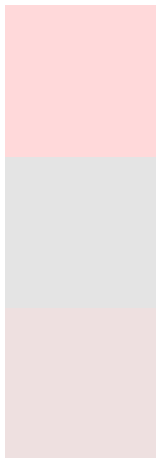
Deuteranomaly

77.8712, 75.9002, 76.8756

Tritanomaly

79.5233, 75.8627, 82.4031

Monochromacy



Original Color

78.7077, 75.9477, 76.8407

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3701, 76.8703, 81.3860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7077, 75.9477, 76.8407 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.7077, 75.9477, 76.8407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

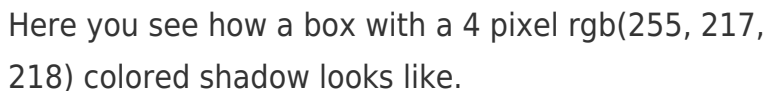
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 218) }
```


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

```
.border{ border-color:rgb(255, 217, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 218); box-shadow:4px 4px 4px 4px rgb(255, 217, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7077, 75.9477, 76.8407 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
217, 218) }
```

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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