

Converting Colors

XYZ(78.4471, 75.4342, 76.7299)

Have a look what the booklet for
XYZ(78.4471, 75.4342, 76.7299)
contains.

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Color

**XYZ(78.4508, 75.4337,
76.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8DA
RGB	255, 216, 218
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1529, 0.1451
CMYK	0.00, 0.15, 0.15, 0.00
HSL	357°, 100%, 92%
HSV	357°, 15%, 100%
XYZ	78.4508, 75.4337, 76.7550
YIQ	227.8890, 22.6020, 8.8900

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 216, 218
Decimal	16767194
CIE Lab	89.60, 13.86, 4.06
CIE LCh	90, 14.448, 16.341
Yxy	75.4337, 0.3401, 0.3271
Android (android.graphics.Color)	4294957274 (0xFFFFD8DA)
YUV	227.8890, -4.8753, 23.7763
Hunter-Lab	86.8526, 9.2406, 8.3999

Details

The XYZ color **78.4508, 75.4337, 76.7550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8111, 93.2120, 106.6122**, and the grayscale version is **73.6862, 77.5236, 84.4232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6444, 40.1398, 40.1505** is the 20% darker color. If you saturate the color by 10%, you get **69.4791, 62.1929, 59.2675**, and if you desaturate by 10%, it is **88.9019, 90.8933, 97.0178**.

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 78.4508, 75.4337, 76.7550 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 78.4508, 75.4337, 76.7550 by changing the saturation by 10% instead.


 78.4508, 75.4337,
76.7550

 78.4508, 75.4337,
76.7550


478.5129,
479.4069, 503.3438

 58.7484, 55.9683,
56.5415


130.1474,
126.9261, 130.5634

 42.6562, 40.1775,
40.2303


162.8724,
159.7218, 164.9954

 29.8088, 27.6770,
27.4030


200.6689,
197.7298, 205.0039

 19.8409, 18.0823,
17.6410

243.9024,
241.3344, 251.0075

 12.3870, 11.0091,
10.5258

292.9382,
290.9200, 303.4248

 7.0819, 6.0729,
5.6388

348.1416,

 3.5602, 2.8895,

346.8711, 362.6742

2.5615

409.8781,
409.5719, 429.1744

■ 1.4564, 1.0743,
0.8725

■ 0.2959, 0.0000,
0.0000

■ 78.4508, 75.4337,
76.7550

■ 78.4508, 75.4337,
76.7550

■ 69.4791, 62.1929,
59.2675

■ 88.9019, 90.8933,
97.0178

■ 61.9152, 51.0600,
44.4300

95.0500, 100.0000,
108.9000

■ 55.6891, 41.9293,
32.1147

■ 50.7228, 34.6819,
22.1812

■ 46.9303, 29.1864,
14.4756

■ 44.2148, 25.2945,
8.8259

■ 42.4641, 22.8335,
5.0348

■ 41.5410, 21.5909,
2.8664

■ 41.3130, 21.2892,
2.3142

Harmonies

Analogous

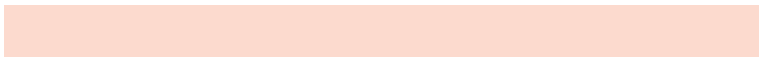
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5386, 75.4337, 86.8390



78.4508, 75.4337, 76.7550



76.5150, 75.4337, 68.7849

Triad

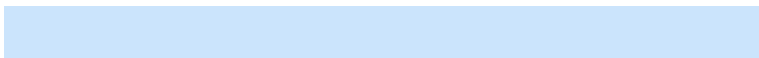
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4508, 75.4337, 76.7550



66.8706, 75.4337, 69.3614



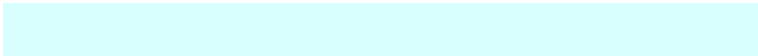
70.0972, 75.4337, 102.6378

Complementary

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



78.4508, 75.4337, 76.7550



81.8111, 93.2120, 106.6122

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.



67.0865, 75.4337, 97.1083



78.4508, 75.4337, 76.7550



65.2656, 75.4337, 77.6030

Square

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



78.4508, 75.4337, 76.7550



69.7936, 75.4337, 64.7634



65.3433, 75.4337, 87.7596



73.6356, 75.4337, 102.3633

Rectangle

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



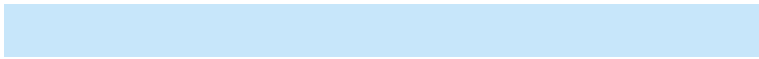
78.4508, 75.4337, 76.7550



74.4724, 75.4337, 65.4947



65.3433, 75.4337, 87.7596



68.9924, 75.4337, 101.3779

Sweetspot

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



78.4525, 75.4369, 76.7566



89.2295, 91.3784, 97.6517



82.8975, 77.1051, 105.1214



18.9303, 19.3093, 20.5756



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

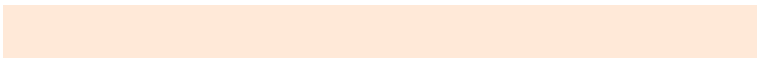
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4525, 75.4369, 76.7566



75.8792, 71.6357, 71.7512



82.7470, 84.4414, 76.9074



18.0470, 18.0021, 18.8649



21.6024, 11.1303, 1.2908



2.1160, 1.0888, 0.1923

Inverse Universe

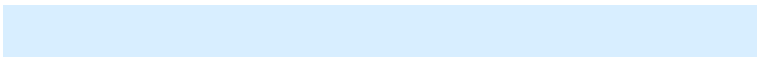
The Inverse Universe completely reimagines the original color for something new.



78.4525, 75.4369, 76.7566



75.8792, 71.6357, 71.7512



76.9751, 83.0287, 106.5769



18.0470, 18.0021, 18.8649



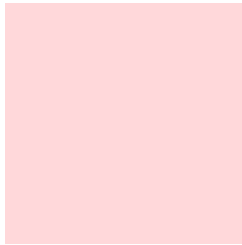
21.6024, 11.1303, 1.2908



2.1160, 1.0888, 0.1923

Previews

White Background



This preview shows how the XYZ color 78.4508, 75.4337, 76.7550 looks on a white background.

Color Contrast Check

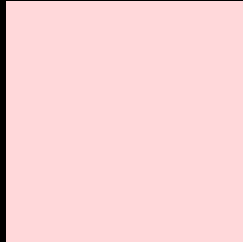
Large Text (above 18pt) WCAG AA × Fail

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 78.4508, 75.4337, 76.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

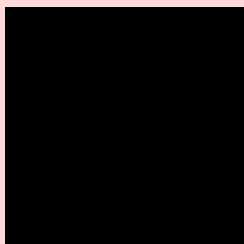
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4508, 75.4337, 76.7550

Background



This preview shows how black text looks on a background with the XYZ color 78.4508, 75.4337, 76.7550.



This preview shows how white text looks on a background with the XYZ color 78.4508, 75.4337,

76.7550.

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

78.4508, 75.4337, 76.7550

Protanopia

72.6081, 75.4620, 80.5508

Deuteranopia

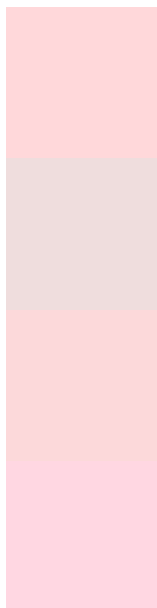
77.1506, 75.5288, 76.8419



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

78.4508, 75.4337, 76.7550

Protanomaly

74.5042, 75.2841, 79.0111

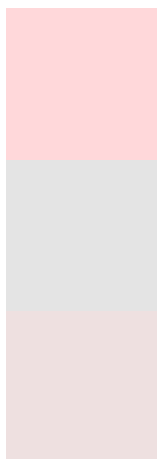
Deuteranomaly

77.6126, 75.3831, 76.7894

Tritanomaly

79.2679, 75.3519, 82.3180

Monochromacy



Original Color

78.4508, 75.4337, 76.7550

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 78.4508, 75.4337, 76.7550 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.4508, 75.4337, 76.7550 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, 218) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4508, 75.4337, 76.7550 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, 218) }
```

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

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