

Converting Colors

XYZ(78.7781, 75.5848, 78.4165)

Have a look what the booklet for
XYZ(78.7781, 75.5848, 78.4165)
contains.

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Color

**XYZ(78.7141, 75.5390,
78.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8DC
RGB	255, 216, 220
RGB Percent	100%, 85%, 86%
CMY	0.0000, 0.1529, 0.1372
CMYK	0.00, 0.15, 0.14, 0.00
HSL	354°, 100%, 92%
HSV	354°, 15%, 100%
XYZ	78.7141, 75.5390, 78.1420
YIQ	228.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

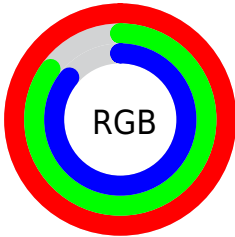
Format	Color
R _{YB}	255, 216, 220
Decimal	16767196
CIE _{Lab}	89.64, 14.18, 3.08
CIE _{LCh}	90, 14.508, 12.272
Yxy	75.5390, 0.3387, 0.3250
Android (android.graphics.Color)	4294957276 (0xFFFFD8DC)
YUV	228.1170, -4.0017, 23.5764
Hunter-Lab	86.9132, 9.5629, 7.5327

Details

The XYZ color **78.7141, 75.5390, 78.1420** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4940, 93.0852, 104.9425**, and the grayscale version is **73.8471, 77.6928, 84.6075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8251, 40.2121, 41.1019** is the 20% darker color. If you saturate the color by 10%, you get **69.8544, 62.3430, 61.2438**, and if you desaturate by 10%, it is **89.0062, 90.9349, 97.5670**.

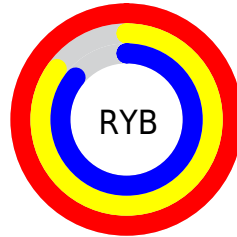
Distribution



Red (100%)

Green (85%)

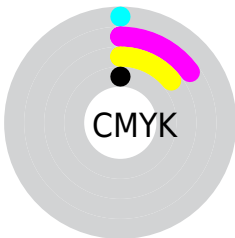
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

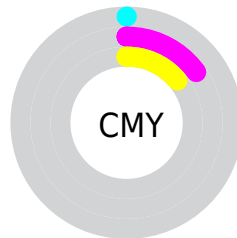


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7141, 75.5390, 78.1420 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 78.7141, 75.5390, 78.1420 by changing the saturation by 10% instead.


 78.7141, 75.5390,
78.1420

 78.7141, 75.5390,
78.1420


479.3914,
479.7681, 508.1896

 58.9656, 56.0546,
57.6735


130.5163,
127.0750, 132.5380

 42.8317, 40.2467,
41.1333


163.3008,
159.8955, 167.3025

 29.9470, 27.7309,
28.1027


201.1613,
197.9300, 207.6695

 19.9463, 18.1229,
18.1634

244.4631,
241.5630, 254.0574

 12.4640, 11.0383,
10.8967

293.5717,
291.1790, 306.8849

 7.1350, 6.0926,
5.8841

348.8524,

 3.5937, 2.9015,

347.1622, 366.5703

2.7071

410.6705,
409.8971, 433.5324

■ 1.4750, 1.0805,
0.9470

■ 0.3087, 0.0000,
0.0000

■ 78.7141, 75.5390,
78.1420

■ 78.7141, 75.5390,
78.1420

■ 69.8544, 62.3430,
61.2438

■ 89.0062, 90.9349,
97.5670

■ 62.3584, 51.2373,
46.7638

95.0500, 100.0000,
108.9000

■ 56.1597, 42.1176,
34.5928

■ 51.1842, 34.8665,
24.6110

■ 47.3504, 29.3544,
16.6880

■ 44.5668, 25.4353,
10.6793

■ 42.7275, 22.9389,
6.4218

■ 41.7040, 21.6561,
3.7244

■ 41.4279, 21.3352,
2.9194

Harmonies

Analogous

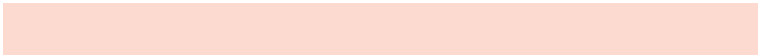
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5345, 75.5390, 88.3799



78.7141, 75.5390, 78.1420



76.9961, 75.5390, 69.7248

Triad

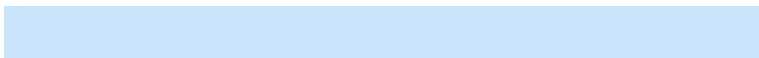
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7141, 75.5390, 78.1420



67.2797, 75.5390, 68.5466



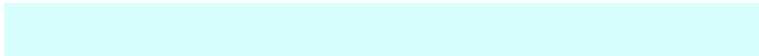
69.7282, 75.5390, 102.4255

Complementary

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



78.7141, 75.5390, 78.1420



81.4940, 93.0852, 104.9425

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.



66.8384, 75.5390, 96.1900



78.7141, 75.5390, 78.1420



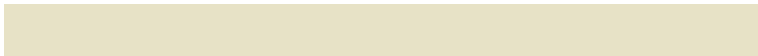
65.4574, 75.5390, 76.4087

Square

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



78.7141, 75.5390, 78.1420



70.3488, 75.5390, 64.5006



65.2985, 75.5390, 86.4977



73.2661, 75.5390, 102.9870

Rectangle

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



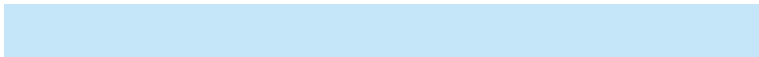
78.7141, 75.5390, 78.1420



75.0380, 75.5390, 66.0502



65.2985, 75.5390, 86.4977



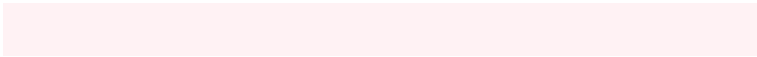
68.6517, 75.5390, 100.9011

Sweetspot

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



78.7159, 75.5422, 78.1436



89.3284, 91.4179, 98.1726



82.1935, 76.7422, 105.0884



18.9543, 19.3189, 20.7016



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

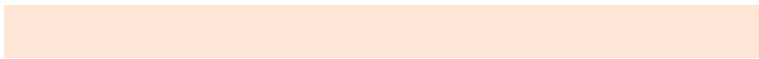
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7159, 75.5422, 78.1436



76.1775, 71.7550, 73.3217



82.1984, 83.3441, 76.7245



18.0850, 18.0173, 19.0647



21.6715, 11.1579, 1.6546



2.1339, 1.0959, 0.2866

Inverse Universe

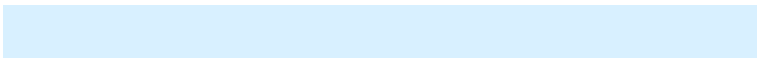
The Inverse Universe completely reimagines the original color for something new.



78.7159, 75.5422, 78.1436



76.1775, 71.7550, 73.3217



77.5462, 84.1708, 106.7672



18.0850, 18.0173, 19.0647



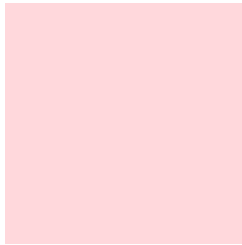
21.6715, 11.1579, 1.6546



2.1339, 1.0959, 0.2866

Previews

White Background



This preview shows how the XYZ color 78.7141, 75.5390, 78.1420 looks on a white background.

Color Contrast Check

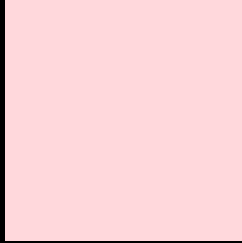
Large Text (above 18pt) WCAG AA × Fail

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 78.7141, 75.5390, 78.1420 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 78.7141, 75.5390, 78.1420

Background



This preview shows how black text looks on a background with the XYZ color 78.7141, 75.5390, 78.1420.



This preview shows how white text looks on a background with the XYZ color 78.7141, 75.5390,

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

78.7141, 75.5390, 78.1420

Protanopia

72.8794, 75.5705, 81.9796

Deuteranopia

77.0566, 75.4499, 78.2121



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

78.7141, 75.5390, 78.1420

Protanomaly

74.7723, 75.3913, 80.4231

Deuteranomaly

77.5148, 75.3022, 78.1595

Tritanomaly

79.4056, 75.4069, 83.0429

Monochromacy



Original Color

78.7141, 75.5390, 78.1420

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.5062, 76.9247, 82.1025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7141, 75.5390, 78.1420 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, 220) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 78.7141, 75.5390, 78.1420 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, 220) }
```


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

```
.border{ border-color:rgb(255, 216, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7141, 75.5390, 78.1420 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
216, 220) }
```

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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