

Converting Colors

XYZ(77.2179, 73.1809, 75.6876)

Have a look what the booklet for
XYZ(77.2179, 73.1809, 75.6876)
contains.

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Color

**XYZ(77.3079, 73.3567,
75.7303)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4D9
RGB	255, 212, 217
RGB Percent	100%, 83%, 85%
CMY	0.0000, 0.1686, 0.1490
CMYK	0.00, 0.17, 0.15, 0.00
HSL	353°, 100%, 92%
HSV	353°, 17%, 100%
XYZ	77.3079, 73.3567, 75.7303
YIQ	225.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

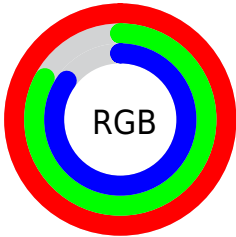
Format	Color
R _Y B	255, 212, 217
Decimal	16766169
CIE Lab	88.62, 15.79, 3.17
CIE LCh	89, 16.107, 11.364
Yxy	73.3567, 0.3415, 0.3240
Android (android.graphics.Color)	4294956249 (0xFFFFD4D9)
YUV	225.4270, -4.1545, 25.9355
Hunter-Lab	85.6485, 11.2324, 7.5298

Details

The XYZ color **77.3079, 73.3567, 75.7303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1691, 92.4204, 104.0598**, and the grayscale version is **71.8936, 75.6377, 82.3694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8673, 38.7283, 39.4511** is the 20% darker color. If you saturate the color by 10%, you get **68.6955, 60.5073, 59.3712**, and if you desaturate by 10%, it is **87.3306, 88.3857, 94.5365**.

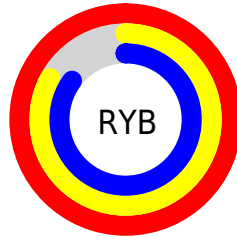
Distribution



Red (100%)

Green (83%)

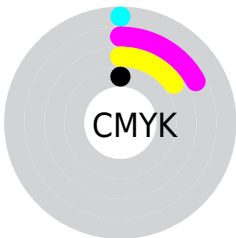
Blue (85%)



Red (100%)

Yellow (83%)

Blue (85%)

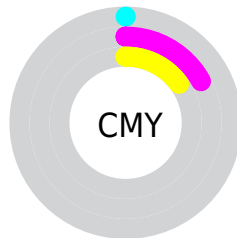


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3079, 73.3567, 75.7303 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 77.3079, 73.3567, 75.7303 by changing the saturation by 10% instead.


 77.3079, 73.3567,
75.7303

 77.3079, 73.3567,
75.7303


474.6890,
472.2501, 499.7462

 57.8064, 54.2677,
55.7061


128.5446,
123.9835, 129.1022

 41.8957, 38.8157,
39.5649


161.0104,
156.2900, 163.2869

 29.2104, 26.6164,
26.8883


198.5285,
193.7712, 203.0289

 19.3851, 17.2853,
17.2576

241.4641,
236.8113, 248.7466

 12.0545, 10.4381,
10.2544

290.1826,
285.7949, 300.8587

 6.8533, 5.6904,
5.4602

345.0494,

 3.4160, 2.6578,

341.1063, 359.7836

2.4563

406.4297,
403.1299, 425.9399

■ 1.3774, 0.9558,
0.8169

■ 0.2400, 0.0000,
0.0000

■ 77.3079, 73.3567,
75.7303

■ 77.3079, 73.3567,
75.7303

■ 68.6955, 60.5073,
59.3712

■ 87.3306, 88.3857,
94.5365

■ 61.4253, 49.7276,
45.3539

95.0500, 100.0000,
108.9000

■ 55.4307, 40.9119,
33.5725

■ 50.6377, 33.9416,
23.9109

■ 46.9645, 28.6854,
16.2424

■ 44.3188, 24.9944,
10.4270

■ 42.5937, 22.6943,
6.3060

■ 41.6562, 21.5655,
3.6930

■ 41.4696, 21.3518,
3.1392

Harmonies

Analogous

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



77.0455, 73.3567, 86.9076



77.3079, 73.3567, 75.7303



75.4826, 73.3567, 66.5503

Triad

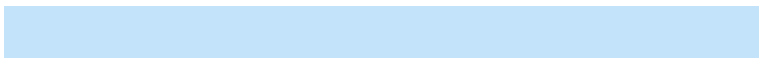
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3079, 73.3567, 75.7303



64.9014, 73.3567, 64.8657



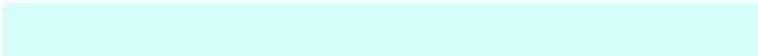
67.3630, 73.3567, 101.9131

Complementary

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



77.3079, 73.3567, 75.7303



80.1691, 92.4204, 104.0598

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.



64.2648, 73.3567, 94.8646



77.3079, 73.3567, 75.7303



62.8805, 73.3567, 73.2286

Square

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



77.3079, 73.3567, 75.7303



68.2614, 73.3567, 60.6776



62.6518, 73.3567, 84.1640



71.2060, 73.3567, 102.7416

Rectangle

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



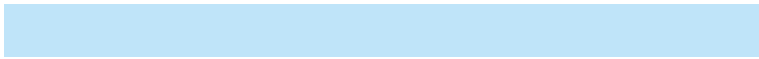
77.3079, 73.3567, 75.7303



73.3656, 73.3567, 62.5259



62.6518, 73.3567, 84.1640



66.2037, 73.3567, 100.1640

Sweetspot

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



77.3096, 73.3598, 75.7318



89.3550, 91.4285, 98.3122



81.0136, 74.6310, 104.7431



18.9607, 19.3215, 20.7354



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

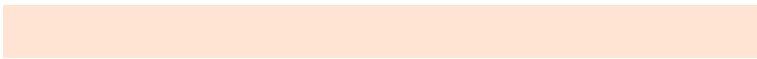
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3096, 73.3598, 75.7318



74.4565, 69.0952, 70.3366



81.0020, 81.7689, 73.8050



18.0952, 18.0214, 19.1184



21.6958, 11.1676, 1.7824



2.1387, 1.0979, 0.3119

Inverse Universe

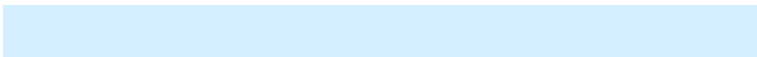
The Inverse Universe completely reimagines the original color for something new.



77.3096, 73.3598, 75.7318



74.4565, 69.0952, 70.3366



75.9290, 82.6697, 106.5627



18.0952, 18.0214, 19.1184



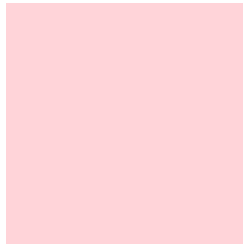
21.6958, 11.1676, 1.7824



2.1387, 1.0979, 0.3119

Previews

White Background



This preview shows how the XYZ color 77.3079, 73.3567, 75.7303 looks on a white background.

Color Contrast Check

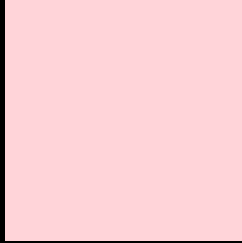
Large Text (above 18pt) WCAG AA × Fail

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 77.3079, 73.3567, 75.7303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

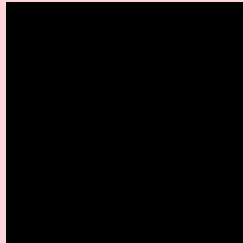
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3079, 73.3567, 75.7303

Background



This preview shows how black text looks on a background with the XYZ color 77.3079, 73.3567, 75.7303.



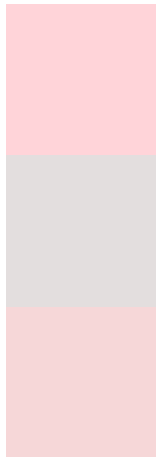
This preview shows how white text looks on a background with the XYZ color 77.3079, 73.3567,

75.7303.

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

77.3079, 73.3567, 75.7303

Protanopia

70.9846, 73.8474, 79.6199

Deuteranopia

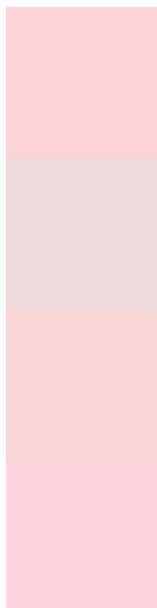
74.7011, 73.1516, 75.1482



Tritanopia

78.3994, 73.3946, 82.7075

Trichromacy



Original Color

77.3079, 73.3567, 75.7303

Protanomaly

72.9147, 73.3146, 78.0183

Deuteranomaly

75.5082, 73.1907, 75.1133

Tritanomaly

77.8535, 73.1762, 79.8331

Monochromacy



Original Color

77.3079, 73.3567, 75.7303

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.3701, 74.2932, 79.5802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3079, 73.3567, 75.7303 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, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 217)  
}
```

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, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.3079, 73.3567, 75.7303 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, 212, 217) }
```


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

```
.border{ border-color:rgb(255, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3079, 73.3567, 75.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 217) }
```

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

```
.background{ background-color: rgb(255,  
212, 217) }
```

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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