

Converting Colors

XYZ(74.6078, 70.4585, 73.8481)

Have a look what the booklet for
XYZ(74.6078, 70.4585, 73.8481)
contains.

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Color

**XYZ(74.6053, 70.5273,
73.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0D7
RGB	251, 208, 215
RGB Percent	98%, 82%, 84%
CMY	0.0157, 0.1843, 0.1569
CMYK	0.00, 0.17, 0.14, 0.02
HSL	350°, 84%, 90%
HSV	350°, 17%, 98%
XYZ	74.6053, 70.5273, 73.9710
YIQ	221.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

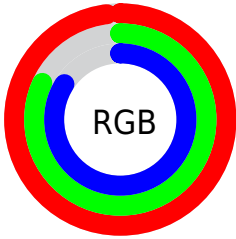
Format	Color
R _Y B	251, 208, 215
Decimal	16502999
CIE Lab	87.25, 16.16, 2.21
CIE LCh	87, 16.312, 7.777
Yxy	70.5273, 0.3405, 0.3219
Android (android.graphics.Color)	4294693079 (0xFFFBD0D7)
YUV	221.6550, -3.2809, 25.7356
Hunter-Lab	83.9805, 11.6071, 6.5631

Details

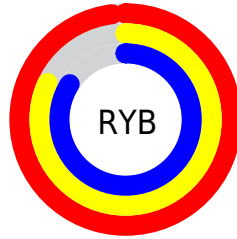
The XYZ color **74.6053, 70.5273, 73.9710** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8416, 88.9377, 98.7090**, and the grayscale version is **69.2004, 72.8042, 79.2837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1489, 37.1186, 38.3062** is the 20% darker color. If you saturate the color by 10%, you get **66.4340, 58.2320, 58.7687**, and if you desaturate by 10%, it is **84.0959, 84.9045, 91.3262**.

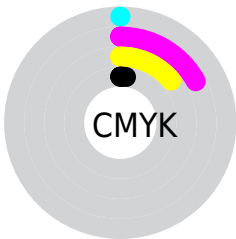
Distribution



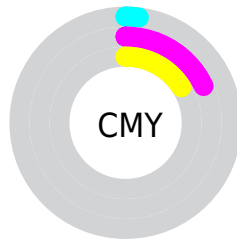
- Red (98%)
- Green (82%)
- Blue (84%)



- Red (98%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6053, 70.5273, 73.9710 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 74.6053, 70.5273, 73.9710 by changing the saturation by 10% instead.


 74.6053, 70.5273,
73.9710

 74.6053, 70.5273,
73.9710


465.5779,
462.3993, 493.5340

 55.5826, 51.9565,
54.2737


124.7444,
119.9604, 126.5884

 40.1041, 36.9704,
38.4258


156.5915,
151.5915, 160.3455

 27.8043, 25.1846,
26.0090

193.4442,
188.3449, 199.6262

 18.3179, 16.2146,
16.6045

235.6677,
230.6049, 244.8492

 11.2795, 9.6762,
9.7940

283.6275,
278.7560, 296.4329

 6.3238, 5.1848,
5.1587

337.6889,

 3.0855, 2.3561,

333.1825, 354.7959

2.2803

398.2173,
394.2688, 420.3568

■ 1.1991, 0.8032,
0.7202

■ 0.1057, 0.0000,
0.0000

■ 74.6053, 70.5273,
73.9710

■ 74.6053, 70.5273,
73.9710

■ 66.4340, 58.2320,
58.7687

■ 84.0959, 84.9045,
91.3262

■ 59.5176, 47.9129,
45.6306

■ 93.5940, 99.2494,
108.8319

■ 53.7949, 39.4695,
34.4686

■ 49.1975, 32.7885,
25.1860

■ 45.6497, 27.7446,
17.6784

■ 43.0664, 24.1956,
11.8305

■ 41.3487, 21.9749,
7.5132

■ 40.3727, 20.8700,
4.5762

■ 40.1814, 20.6684,
3.9547

Harmonies

Analogous

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



74.0913, 70.5273, 85.0556



74.6053, 70.5273, 73.9710



73.0302, 70.5273, 64.5733

Triad

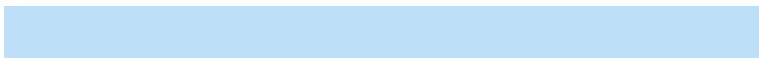
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6053, 70.5273, 73.9710



62.6195, 70.5273, 61.2870



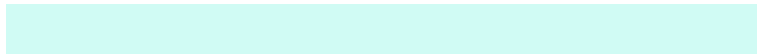
64.2849, 70.5273, 98.0375

Complementary

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



74.6053, 70.5273, 73.9710



76.8416, 88.9377, 98.7090

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.



61.3755, 70.5273, 90.4628



74.6053, 70.5273, 73.9710



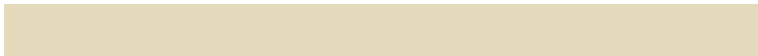
60.4398, 70.5273, 69.0822

Square

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



74.6053, 70.5273, 73.9710



66.0416, 70.5273, 57.7188



59.9933, 70.5273, 79.6843



68.0364, 70.5273, 99.6631

Rectangle

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



74.6053, 70.5273, 73.9710



71.0415, 70.5273, 60.2830



59.9933, 70.5273, 79.6843



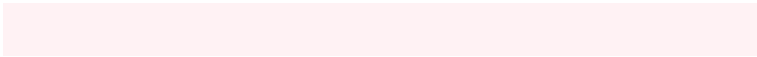
63.1803, 70.5273, 96.0700

Sweetspot

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



74.6073, 70.5305, 73.9725



89.4451, 91.4646, 98.7867



77.2211, 71.2834, 100.9566



18.9825, 19.3302, 20.8502



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

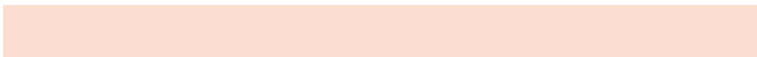
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6073, 70.5305, 73.9725



73.8849, 67.9047, 70.2919



77.3810, 77.4859, 70.5563



17.3598, 17.2713, 18.4843



21.1553, 10.8779, 2.2605



1.9914, 1.0203, 0.3779

Inverse Universe

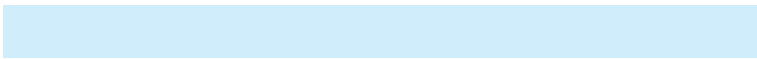
The Inverse Universe completely reimagines the original color for something new.



74.6073, 70.5305, 73.9725



73.8849, 67.9047, 70.2919



73.6154, 80.7529, 102.9745



17.3598, 17.2713, 18.4843



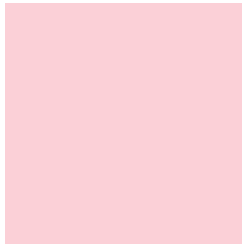
21.1553, 10.8779, 2.2605



1.9914, 1.0203, 0.3779

Previews

White Background



This preview shows how the XYZ color 74.6053, 70.5273, 73.9710 looks on a white background.

Color Contrast Check

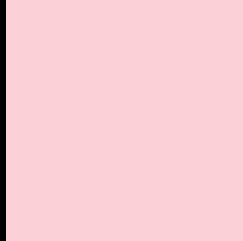
Large Text (above 18pt) WCAG AA × Fail

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 74.6053, 70.5273, 73.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

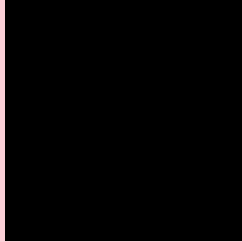
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6053, 70.5273, 73.9710

Background



This preview shows how black text looks on a background with the XYZ color 74.6053, 70.5273, 73.9710.



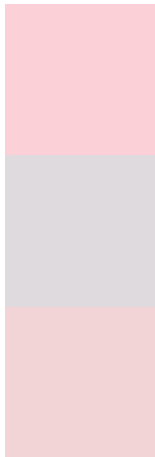
This preview shows how white text looks on a background with the XYZ color 74.6053, 70.5273,

73.9710.

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

74.6053, 70.5273, 73.9710

Protanopia

68.2467, 70.8929, 78.4933

Deuteranopia

72.2990, 70.8193, 73.4772



Tritanopia

75.7770, 70.6488, 79.4547

Trichromacy



Original Color

74.6053, 70.5273, 73.9710

Protanomaly

70.4370, 70.5312, 76.9193

Deuteranomaly

73.0881, 70.8560, 73.4428

Tritanomaly

75.3760, 70.4884, 77.3430

Monochromacy



Original Color

74.6053, 70.5273, 73.9710

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.2033, 72.0638, 77.1747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6053, 70.5273, 73.9710 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(251, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 215)  
}
```

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(251, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 215) }
```

Border

The CSS property to change the border of an element to XYZ 74.6053, 70.5273, 73.9710 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(251, 208, 215) }
```


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

```
.border{ border-color:rgb(251, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 208, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 208, 215); box-shadow:4px 4px 4px 4px rgb(251, 208, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6053, 70.5273, 73.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 215) }
```

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

```
.background{ background-color: rgb(251,  
208, 215) }
```

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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