

Converting Colors

XYZ(74.3248, 70.7999, 82.2952)

Have a look what the booklet for
XYZ(74.3248, 70.7999, 82.2952)
contains.

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Color

**XYZ(74.5679, 71.0517,
82.4572)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D2E3
RGB	245, 210, 227
RGB Percent	96%, 82%, 89%
CMY	0.0392, 0.1764, 0.1098
CMYK	0.00, 0.14, 0.07, 0.04
HSL	331°, 64%, 89%
HSV	331°, 14%, 96%
XYZ	74.5679, 71.0517, 82.4572
YIQ	222.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

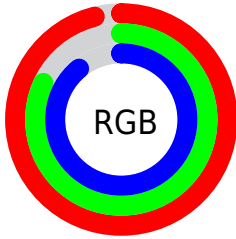
Format	Color
R _Y B	245, 210, 227
Decimal	16110307
CIE Lab	87.51, 14.98, -3.83
CIE LCh	88, 15.467, 345.648
Yxy	71.0517, 0.3269, 0.3115
Android (android.graphics.Color)	4294300387 (0xFF5D2E3)
YUV	222.4030, 2.2663, 19.8176
Hunter-Lab	84.2922, 10.3963, 1.0052

Details

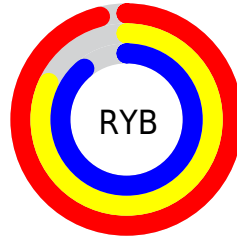
The XYZ color **74.5679, 71.0517, 82.4572** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2371, 84.6098, 85.8742**, and the grayscale version is **69.6945, 73.3241, 79.8499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1540, 37.2401, 44.1014** is the 20% darker color. If you saturate the color by 10%, you get **67.3003, 59.1980, 71.7656**, and if you desaturate by 10%, it is **82.8929, 84.8145, 94.1311**.

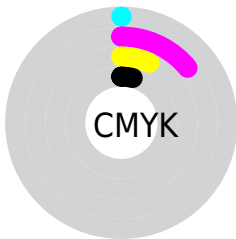
Distribution



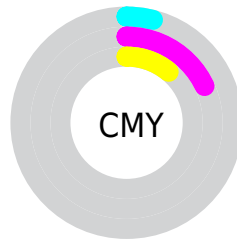
- Red (96%)
- Green (82%)
- Blue (89%)



- Red (96%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5679, 71.0517, 82.4572 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 74.5679, 71.0517, 82.4572 by changing the saturation by 10% instead.


 74.5679, 71.0517,
82.4572

 74.5679, 71.0517,
82.4572


465.4512,
464.2341, 523.0993

 55.5519, 52.3844,
61.2045


124.6917,
120.7073, 138.6574

 40.0793, 37.3116,
43.9586


156.5302,
152.4645, 174.4419

 27.7849, 25.4488,
30.3010


193.3736,
189.3536, 215.9075

 18.3032, 16.4117,
19.8132

235.5872,
231.7592, 263.4726

 11.2689, 9.8160,
12.0766

283.5364,
280.0657, 317.5558

 6.3166, 5.2771,
6.6727

337.5866,

 3.0810, 2.4108,

334.6574, 378.5756

3.1829

398.1031,
395.9188, 446.9506

■ 1.1968, 0.8314,
1.1888

■ 0.1038, 0.0000,
0.0000

■ 74.5679, 71.0517,
82.4572

■ 74.5679, 71.0517,
82.4572

■ 67.3003, 59.1980,
71.7656

■ 82.8929, 84.8145,
94.1311

■ 61.0392, 49.1591,
62.0234

■ 91.0197, 97.9739,
106.3791

■ 55.7388, 40.8464,
53.2024

■ 91.4666, 98.1527,
108.7323

■ 51.3469, 34.1604,
45.2710

■ 47.8061, 28.9913,
38.1950

■ 45.0522, 25.2154,
31.9378

■ 43.0109, 22.6894,
26.4584

■ 41.5918, 21.2381,
21.7098

■ 40.9855, 20.7443,
19.2920

Harmonies

Analogous

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



72.6802, 71.0517, 92.2940



74.5679, 71.0517, 82.4572



74.5240, 71.0517, 72.0636

Triad

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



74.5679, 71.0517, 82.4572



65.6558, 71.0517, 59.5654



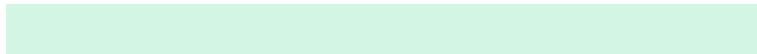
62.7406, 71.0517, 92.6562

Complementary

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



74.5679, 71.0517, 82.4572



73.2371, 84.6098, 85.8742

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.



60.9926, 71.0517, 82.9165



74.5679, 71.0517, 82.4572



62.6338, 71.0517, 64.1364

Square

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



74.5679, 71.0517, 82.4572



69.2885, 71.0517, 59.4666



60.9542, 71.0517, 72.4835



65.8064, 71.0517, 98.5322

Rectangle

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



74.5679, 71.0517, 82.4572



73.4022, 71.0517, 66.2225



60.9542, 71.0517, 72.4835



61.9844, 71.0517, 89.6883

Sweetspot

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



74.5699, 71.0548, 82.4587



91.0486, 93.3305, 103.4559



71.3672, 69.1015, 95.9637



19.3317, 19.7165, 21.9289



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.



74.5699, 71.0548, 82.4587



79.3617, 74.0384, 86.9766



72.3382, 70.1621, 70.7065



16.8345, 16.6166, 18.8749



22.1489, 11.2030, 10.7583



1.9984, 1.0053, 1.2179

Inverse Universe

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



74.5699, 71.0548, 82.4587



79.3617, 74.0384, 86.9766



75.7144, 85.6007, 98.9192



16.8345, 16.6166, 18.8749



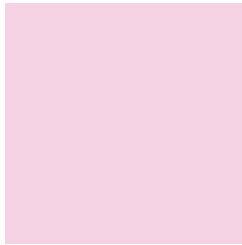
22.1489, 11.2030, 10.7583



1.9984, 1.0053, 1.2179

Previews

White Background



This preview shows how the XYZ color 74.5679, 71.0517, 82.4572 looks on a white background.

Color Contrast Check

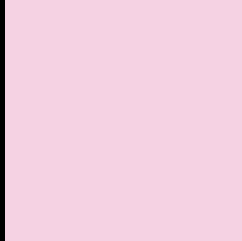
Large Text (above 18pt) WCAG AA × Fail

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 74.5679, 71.0517, 82.4572 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 74.5679, 71.0517, 82.4572

Background



This preview shows how black text looks on a background with the XYZ color 74.5679, 71.0517, 82.4572.



This preview shows how white text looks on a background with the XYZ color 74.5679, 71.0517,

82.4572.

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

74.5679, 71.0517, 82.4572

Protanopia

69.1521, 71.1846, 86.4392

Deuteranopia

72.7816, 71.2566, 81.8694



Tritanopia

74.5679, 71.0517, 82.4572

Trichromacy



Original Color

74.5679, 71.0517, 82.4572

Protanomaly

70.8965, 70.9721, 84.8252

Deuteranomaly

73.5466, 71.2787, 81.8334

Tritanomaly

74.5679, 71.0517, 82.4572

Monochromacy



Original Color

74.5679, 71.0517, 82.4572

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.1591, 72.3476, 80.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5679, 71.0517, 82.4572 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(245, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 227)  
}
```

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(245, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.5679, 71.0517, 82.4572 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(245, 210, 227) }
```


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

```
.border{ border-color:rgb(245, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5679, 71.0517, 82.4572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 227) }
```

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

```
.background{ background-color: rgb(245,  
210, 227) }
```

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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