

Converting Colors

XYZ(79.2364, 75.0141, 83.1546)

Have a look what the booklet for
XYZ(79.2364, 75.0141, 83.1546)
contains.

XYZ(79.1517, 74.8992, 82.9583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.1517, 74.8992,
82.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E3
RGB	255, 214, 227
RGB Percent	100%, 84%, 89%
CMY	0.0000, 0.1608, 0.1098
CMYK	0.00, 0.16, 0.11, 0.00
HSL	341°, 100%, 92%
HSV	341°, 16%, 100%
XYZ	79.1517, 74.8992, 82.9583
YIQ	227.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

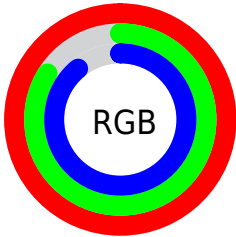
Format	Color
R _Y B	255, 214, 227
Decimal	16766691
CIE Lab	89.35, 16.33, -1.04
CIE LCh	89, 16.367, 356.365
Yxy	74.8992, 0.3340, 0.3160
Android (android.graphics.Color)	4294956771 (0xFFFFD6E3)
YUV	227.7410, -0.3653, 23.9061
Hunter-Lab	86.5443, 11.7999, 3.7477

Details

The XYZ color **79.1517, 74.8992, 82.9583** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5210, 92.2281, 97.6186**, and the grayscale version is **73.5473, 77.3775, 84.2641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1332, 39.7806, 44.4348** is the 20% darker color. If you saturate the color by 10%, you get **70.9127, 62.0755, 68.9464**, and if you desaturate by 10%, it is **88.6475, 89.8468, 98.5908**.

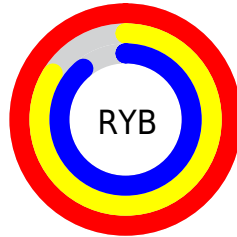
Distribution



Red (100%)

Green (84%)

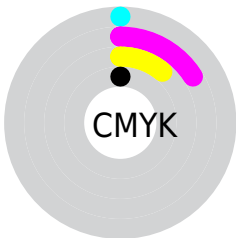
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

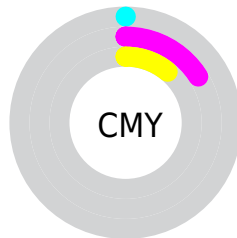


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1517, 74.8992, 82.9583 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 79.1517, 74.8992, 82.9583 by changing the saturation by 10% instead.


 79.1517, 74.8992,
82.9583

 79.1517, 74.8992,
82.9583


480.8496,
477.5710, 524.8149

 59.3266, 55.5303,
61.6153


131.1292,
126.1697, 139.3658

 43.1235, 39.8265,
44.2882


164.0123,
158.8400, 175.2674

 30.1769, 27.4033,
30.5583


201.9788,
196.7130, 216.8589

 20.1217, 17.8763,
20.0071

245.3941,
240.1730, 264.5589

 12.5923, 10.8612,
12.2161

294.6234,
289.6044, 318.7860

 7.2235, 5.9736,
6.7667

350.0322,

 3.6498, 2.8290,

345.3916, 379.9587

3.2404

411.9858,
407.9190, 448.4955

■ 1.5060, 1.0431,
1.2187

■ 0.3299, 0.0000,
0.0000

■ 79.1517, 74.8992,
82.9583

■ 79.1517, 74.8992,
82.9583

■ 70.9127, 62.0755,
68.9464

■ 88.6475, 89.8468,
98.5908

■ 63.8714, 51.2698,
56.4970

95.0500, 100.0000,
108.9000

■ 57.9713, 42.3810,
45.5551

■ 53.1494, 35.2955,
36.0605

■ 49.3361, 29.8878,
27.9486

■ 46.4532, 26.0158,
21.1496

■ 44.4103, 23.5138,
15.5861

■ 43.0965, 22.1764,
11.1703

■ 42.7191, 21.8516,
9.7188

Harmonies

Analogous

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



77.7930, 74.8992, 94.3839



79.1517, 74.8992, 82.9583



78.3119, 74.8992, 72.1484

Triad

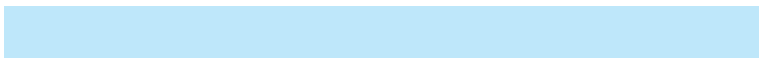
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1517, 74.8992, 82.9583



67.8253, 74.8992, 63.3510



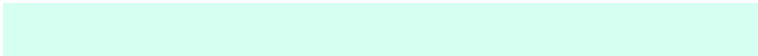
67.0100, 74.8992, 101.3198

Complementary

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



79.1517, 74.8992, 82.9583



79.5210, 92.2281, 97.6186

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.



64.5125, 74.8992, 91.7402



79.1517, 74.8992, 82.9583



64.9706, 74.8992, 69.9402

Square

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



79.1517, 74.8992, 82.9583



71.6786, 74.8992, 61.4695



63.7799, 74.8992, 80.1627



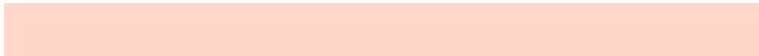
70.7025, 74.8992, 105.5928

Rectangle

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



79.1517, 74.8992, 82.9583



76.6348, 74.8992, 66.6142



63.7799, 74.8992, 80.1627



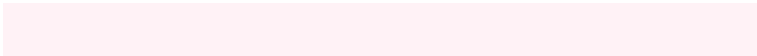
66.0083, 74.8992, 98.5720

Sweetspot

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



79.1534, 74.9023, 82.9599



89.7460, 91.5849, 100.3714



78.4883, 74.0760, 104.7691



19.0554, 19.3594, 21.2343



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

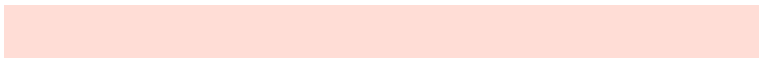
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1534, 74.9023, 82.9599



76.6166, 70.9370, 78.6974



79.1922, 77.7429, 74.4544



18.2466, 18.0820, 19.9158



22.3811, 11.4417, 5.3914



2.2263, 1.1329, 0.7730

Inverse Universe

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



79.1534, 74.9023, 82.9599



76.6166, 70.9370, 78.6974



79.4023, 88.7550, 107.5542



18.2466, 18.0820, 19.9158



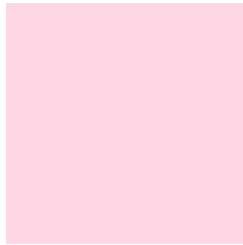
22.3811, 11.4417, 5.3914



2.2263, 1.1329, 0.7730

Previews

White Background



This preview shows how the XYZ color 79.1517, 74.8992, 82.9583 looks on a white background.

Color Contrast Check

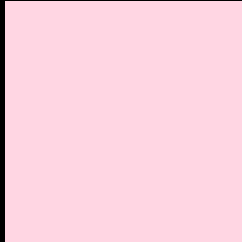
Large Text (above 18pt) WCAG AA × Fail

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 79.1517, 74.8992, 82.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

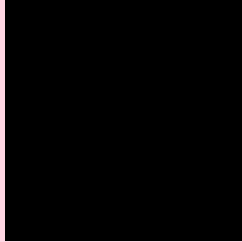
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1517, 74.8992, 82.9583

Background



This preview shows how black text looks on a background with the XYZ color 79.1517, 74.8992, 82.9583.



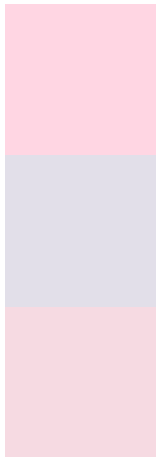
This preview shows how white text looks on a background with the XYZ color 79.1517, 74.8992,

82.9583.

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

79.1517, 74.8992, 82.9583

Protanopia

72.4597, 74.8273, 87.7149

Deuteranopia

76.8049, 75.2266, 82.4236



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

79.1517, 74.8992, 82.9583

Protanomaly

74.9421, 74.9604, 86.1202

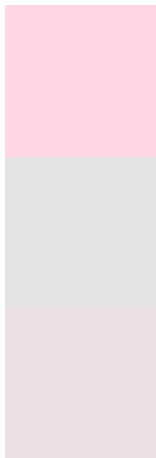
Deuteranomaly

77.6072, 75.2564, 82.3871

Tritanomaly

79.4294, 75.0103, 84.4208

Monochromacy



Original Color

79.1517, 74.8992, 82.9583

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.6512, 76.5539, 84.1879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1517, 74.8992, 82.9583 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, 214, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.1517, 74.8992, 82.9583 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, 214, 227) }
```


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

```
.border{ border-color:rgb(255, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 214, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 214, 227); box-shadow:4px 4px 4px 4px rgb(255, 214, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1517, 74.8992, 82.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 227) }
```

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

```
.background{ background-color: rgb(255,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor