

Converting Colors

XYZ(82.1478, 78.5165, 91.2788)

Have a look what the booklet for XYZ(82.1478, 78.5165, 91.2788) contains.

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Color

**XYZ(82.1193, 78.5608,
90.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCED
RGB	255, 220, 237
RGB Percent	100%, 86%, 93%
CMY	0.0000, 0.1372, 0.0706
CMYK	0.00, 0.14, 0.07, 0.00
HSL	331°, 100%, 93%
HSV	331°, 14%, 100%
XYZ	82.1193, 78.5608, 90.9564
YIQ	232.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

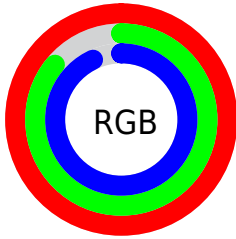
Format	Color
R _Y B	255, 220, 237
Decimal	16768237
CIE Lab	91.04, 14.86, -3.82
CIE LCh	91, 15.341, 345.597
Yxy	78.5608, 0.3263, 0.3122
Android (android.graphics.Color)	4294958317 (0xFFFFDCED)
YUV	232.4030, 2.2663, 19.8176
Hunter-Lab	88.6345, 10.2686, 1.2010

Details

The XYZ color **82.1193, 78.5608, 90.9564** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7102, 92.9099, 94.5718**, and the grayscale version is **76.9807, 80.9897, 88.1977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0843, 42.2522, 49.4954** is the 20% darker color. If you saturate the color by 10%, you get **74.0837, 65.4448, 79.1676**, and if you desaturate by 10%, it is **91.3193, 93.7808, 103.8271**.

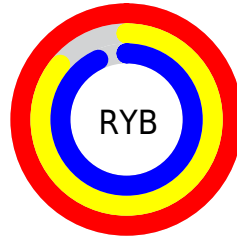
Distribution



Red (100%)

Green (86%)

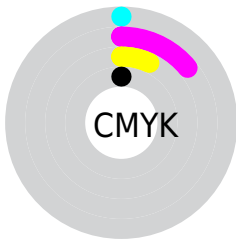
Blue (93%)



Red (100%)

Yellow (86%)

Blue (93%)

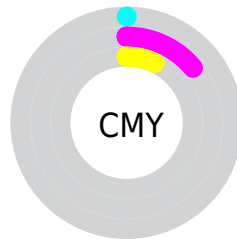


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1193, 78.5608, 90.9564 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 82.1193, 78.5608, 90.9564 by changing the saturation by 10% instead.

 82.1193, 78.5608,
90.9564

 82.1193, 78.5608,
90.9564


490.6751,
490.0693, 551.7873

 61.7783, 58.5348,
68.1960


135.2762,
131.3404, 150.6133

 45.1085, 42.2387,
49.5895

168.8229,
164.8627, 188.3468

 31.7446, 29.2883,
34.7184


207.5022,
203.6526, 231.9084

 21.3211, 19.2990,
23.1643

251.6794,
248.0945, 281.7167

 13.4727, 11.8865,
14.5084

301.7200,
298.5727, 338.1902

 7.8341, 6.6665,
8.3323

357.9892,

 4.0399, 3.2544,

355.4716, 401.7475

4.2175

420.8525,
419.1757, 472.8070

■ 1.7247, 1.2659,
1.7454

■ 0.4717, 0.1146,
0.3916

■ 82.1193, 78.5608,
90.9564

■ 82.1193, 78.5608,
90.9564

■ 74.0837, 65.4448,
79.1676

■ 91.3193, 93.7808,
103.8271

■ 67.1582, 54.3298,
68.4245

95.0500, 100.0000,
108.9000

■ 61.2919, 45.1185,
58.6962

■ 56.4276, 37.7016,
49.9479

■ 52.5024, 31.9587,
42.1421

■ 49.4457, 27.7543,
35.2385

■ 47.1764, 24.9314,
29.1923

■ 45.5956, 23.2989,
23.9520

■ 44.8684, 22.7113,
21.0368

Harmonies

Analogous

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



80.1188, 78.5608, 101.3513



82.1193, 78.5608, 90.9564



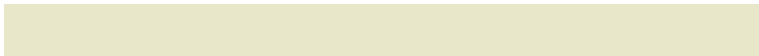
82.0765, 78.5608, 79.9310

Triad

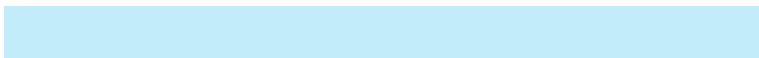
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1193, 78.5608, 90.9564



72.6848, 78.5608, 66.5932



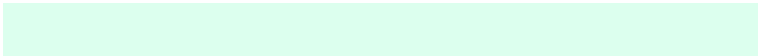
69.5780, 78.5608, 101.7034

Complementary

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



82.1193, 78.5608, 90.9564



80.7102, 92.9099, 94.5718

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.



67.7224, 78.5608, 91.4042



82.1193, 78.5608, 90.9564



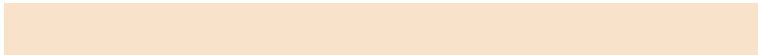
69.4734, 78.5608, 71.4639

Square

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



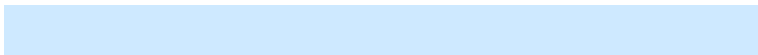
82.1193, 78.5608, 90.9564



76.5379, 78.5608, 66.4959



67.6848, 78.5608, 80.3418



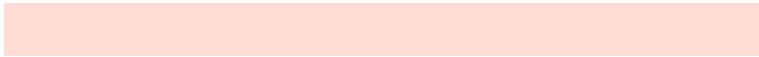
72.8321, 78.5608, 107.9102

Rectangle

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



82.1193, 78.5608, 90.9564



80.8919, 78.5608, 73.7131



67.6848, 78.5608, 80.3418



68.7750, 78.5608, 98.5673

Sweetspot

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



82.1210, 78.5640, 90.9581



91.0487, 93.3306, 103.4561



78.7380, 76.5007, 105.2239



19.3317, 19.7165, 21.9290



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

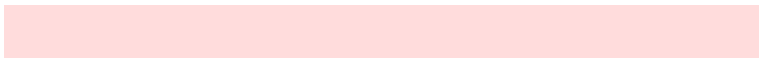
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1210, 78.5640, 90.9581



80.1907, 75.3958, 88.1799



79.7538, 77.6171, 78.4923



18.3770, 18.1341, 20.6023



23.5195, 11.8971, 11.3859



2.3449, 1.1804, 1.3979

Inverse Universe

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



82.1210, 78.5640, 90.9581



80.1907, 75.3958, 88.1799



83.3270, 93.9566, 108.3514



18.3770, 18.1341, 20.6023



23.5195, 11.8971, 11.3859



2.3449, 1.1804, 1.3979

Previews

White Background



This preview shows how the XYZ color 82.1193, 78.5608, 90.9564 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 82.1193, 78.5608, 90.9564 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 82.1193, 78.5608, 90.9564

Background



This preview shows how black text looks on a background with the XYZ color 82.1193, 78.5608, 90.9564.



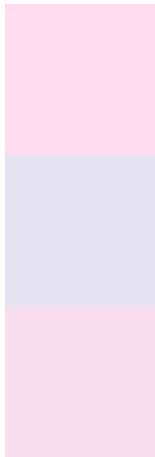
This preview shows how white text looks on a background with the XYZ color 82.1193, 78.5608,

90.9564.

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

82.1193, 78.5608, 90.9564

Protanopia

76.4035, 78.7206, 95.1721

Deuteranopia

80.1187, 78.3134, 91.0141



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

82.1193, 78.5608, 90.9564

Protanomaly

78.2500, 78.4924, 93.4644

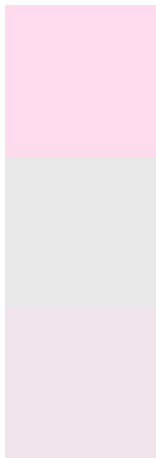
Deuteranomaly

80.9262, 78.3366, 90.9760

Tritanomaly

82.1193, 78.5608, 90.9564

Monochromacy



Original Color

82.1193, 78.5608, 90.9564

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.5299, 79.9526, 89.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1193, 78.5608, 90.9564 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, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 237)  
}
```

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, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.1193, 78.5608, 90.9564 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, 220, 237) }
```


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

```
.border{ border-color:rgb(255, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1193, 78.5608, 90.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 237) }
```

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

```
.background{ background-color: rgb(255,  
220, 237) }
```

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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