

Converting Colors

XYZ(82.6630, 78.4850, 94.7238)

Have a look what the booklet for
XYZ(82.6630, 78.4850, 94.7238)
contains.

XYZ(82.5985, 78.3338, 94.7709)	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(82.5985, 78.3338,
94.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF2
RGB	255, 219, 242
RGB Percent	100%, 86%, 95%
CMY	0.0000, 0.1412, 0.0510
CMYK	0.00, 0.14, 0.05, 0.00
HSL	322°, 100%, 93%
HSV	322°, 14%, 100%
XYZ	82.5985, 78.3338, 94.7709
YIQ	232.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

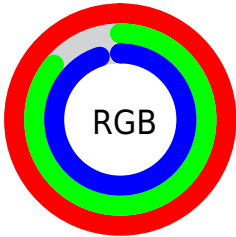
Format	Color
R _Y B	255, 219, 242
Decimal	16767986
CIE Lab	90.93, 16.23, -6.59
CIE LCh	91, 17.516, 337.895
Yxy	78.3338, 0.3230, 0.3063
Android (android.graphics.Color)	4294958066 (0xFFFFDBF2)
YUV	232.3860, 4.7397, 19.8325
Hunter-Lab	88.5064, 11.6988, -1.5321

Details

The XYZ color **82.5985, 78.3338, 94.7709** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5413, 92.4074, 89.9914**, and the grayscale version is **76.9507, 80.9581, 88.1634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4271, 42.1019, 52.1866** is the 20% darker color. If you saturate the color by 10%, you get **75.1003, 65.4953, 85.6192**, and if you desaturate by 10%, it is **91.1889, 93.2445, 104.6325**.

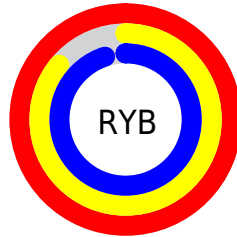
Distribution



Red (100%)

Green (86%)

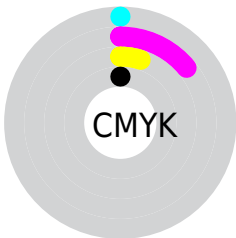
Blue (95%)



Red (100%)

Yellow (86%)

Blue (95%)

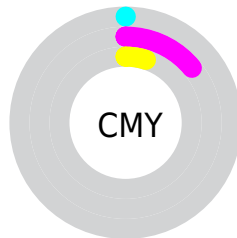


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5985, 78.3338, 94.7709 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 82.5985, 78.3338, 94.7709 by changing the saturation by 10% instead.


 82.5985, 78.3338,
94.7709

 82.5985, 78.3338,
94.7709


492.2516,
489.2997, 564.3969

 62.1748, 58.3482,
71.3485


135.9444,
131.0206, 155.9409

 45.4301, 42.0887,
52.1430


169.5974,
164.4906, 194.5256

 31.9990, 29.1707,
36.7361


208.3907,
203.2241, 239.0014

 21.5163, 19.2100,
24.7090

252.6899,
247.6057, 289.7869

 13.6165, 11.8221,
15.6434

302.8602,
298.0196, 347.3007

 7.9344, 6.6227,
9.1205

359.2670,

 4.1044, 3.2273,

354.8504, 411.9613

4.7220

422.2757,
418.4823, 484.1871

■ 1.7614, 1.2515,
2.0292

■ 0.4942, 0.1032,
0.5732

■ 82.5985, 78.3338,
94.7709

■ 82.5985, 78.3338,
94.7709

■ 75.1003, 65.4953,
85.6192

■ 91.1889, 93.2445,
104.6325

■ 68.6419, 54.6267,
77.1516

95.0500, 100.0000,
108.9000

■ 63.1740, 45.6311,
69.3477

■ 58.6415, 38.3997,
62.1839

■ 54.9834, 32.8125,
55.6345

■ 52.1313, 28.7342,
49.6712

■ 50.0057, 26.0078,
44.2619

■ 48.5097, 24.4413,
39.3684

■ 47.8429, 23.9012,
36.7006

Harmonies

Analogous

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



79.7903, 78.3338, 105.9502



82.5985, 78.3338, 94.7709



83.1822, 78.3338, 81.9962

Triad

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



82.5985, 78.3338, 94.7709



73.2940, 78.3338, 63.4077



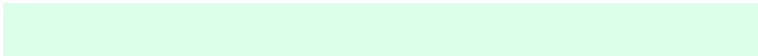
67.9544, 78.3338, 101.1122

Complementary

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



82.5985, 78.3338, 94.7709



79.5413, 92.4074, 89.9914

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.



66.3586, 78.3338, 88.6753



82.5985, 78.3338, 94.7709



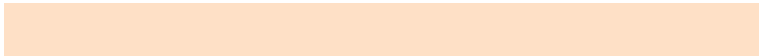
69.3610, 78.3338, 67.5107

Square

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



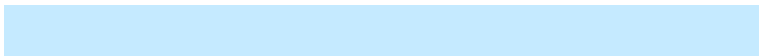
82.5985, 78.3338, 94.7709



77.6940, 78.3338, 64.6935



66.8632, 78.3338, 76.4676



71.3052, 78.3338, 109.8560

Rectangle

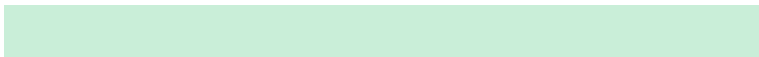
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5985, 78.3338, 94.7709



82.2107, 78.3338, 74.4166



66.8632, 78.3338, 76.4676



67.2011, 78.3338, 97.1789

Sweetspot

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



82.6003, 78.3370, 94.7726



91.2945, 93.4289, 104.7504



76.5333, 74.9757, 105.0458



19.3940, 19.7414, 22.2566



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.



82.6003, 78.3370, 94.7726



80.3271, 74.4246, 92.0605



80.0826, 77.3299, 81.5147



18.4979, 18.1825, 21.2393



25.0730, 12.5185, 19.5669



2.4936, 1.2398, 2.1809

Inverse Universe

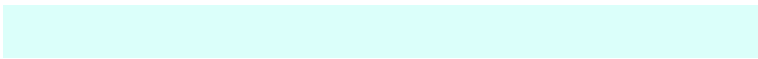
The Inverse Universe completely reimagines the original color for something new.



82.6003, 78.3370, 94.7726



80.3271, 74.4246, 92.0605



82.1680, 93.4581, 103.8232



18.4979, 18.1825, 21.2393



25.0730, 12.5185, 19.5669



2.4936, 1.2398, 2.1809

Previews

White Background



This preview shows how the XYZ color 82.5985, 78.3338, 94.7709 looks on a white background.

Color Contrast Check

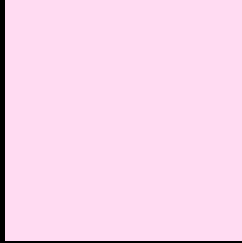
Large Text (above 18pt) WCAG AA × Fail

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 82.5985, 78.3338, 94.7709 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 82.5985, 78.3338, 94.7709

Background



This preview shows how black text looks on a background with the XYZ color 82.5985, 78.3338, 94.7709.



This preview shows how white text looks on a background with the XYZ color 82.5985, 78.3338,

94.7709.

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

82.5985, 78.3338, 94.7709

Protanopia

76.5268, 78.6962, 99.1522

Deuteranopia

80.0045, 78.1863, 94.0939



Tritanopia

81.7523, 78.3717, 90.9392

Trichromacy



Original Color

82.5985, 78.3338, 94.7709

Protanomaly

78.6665, 78.6201, 97.4152

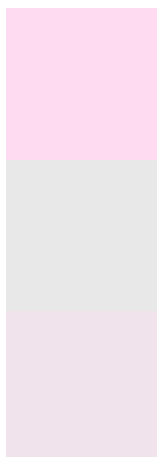
Deuteranomaly

80.8006, 78.2035, 94.0552

Tritanomaly

82.0462, 78.4892, 92.4870

Monochromacy



Original Color

82.5985, 78.3338, 94.7709

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.5446, 79.5196, 90.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5985, 78.3338, 94.7709 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, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 242)  
}
```

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, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 242) }
```

Border

The CSS property to change the border of an element to XYZ 82.5985, 78.3338, 94.7709 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, 219, 242) }
```


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

```
.border{ border-color:rgb(255, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5985, 78.3338, 94.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 242) }
```

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

```
.background{ background-color: rgb(255,  
219, 242) }
```

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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