

Converting Colors

XYZ(110.6707, 93.0430,
94.2916)

Have a look what the booklet for
XYZ(110.6707, 93.0430, 94.2916)
contains.

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Color

**XYZ(82.5614, 78.7377,
93.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCF0
RGB	255, 220, 240
RGB Percent	100%, 86%, 94%
CMY	0.0000, 0.1372, 0.0588
CMYK	0.00, 0.14, 0.06, 0.00
HSL	326°, 100%, 93%
HSV	326°, 14%, 100%
XYZ	82.5614, 78.7377, 93.2845
YIQ	232.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

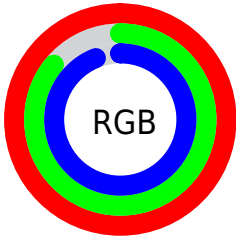
Format	Color
R_{YB}	255, 220, 240
Decimal	16768240
CIE _{Lab}	91.12, 15.37, -5.27
CIE _{LCh}	91, 16.245, 341.066
Yxy	78.7377, 0.3243, 0.3093
Android (android.graphics.Color)	4294958320 (0xFFFFDCF0)
YUV	232.7450, 3.5767, 19.5176
Hunter-Lab	88.7343, 10.7975, -0.2164

Details

The XYZ color **82.5614, 78.7377, 93.2845** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2731, 92.7350, 92.2695**, and the grayscale version is **77.2284, 81.2503, 88.4815**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3956, 42.3767, 51.1343** is the 20% darker color. If you saturate the color by 10%, you get **74.7975, 65.7304, 82.9265**, and if you desaturate by 10%, it is **91.4474, 93.8321, 104.5012**.

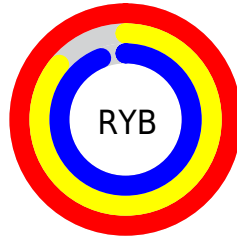
Distribution



Red (100%)

Green (86%)

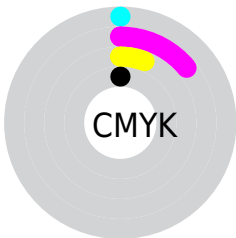
Blue (94%)



Red (100%)

Yellow (86%)

Blue (94%)

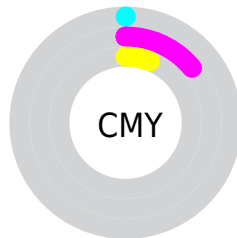


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5614, 78.7377, 93.2845 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 82.5614, 78.7377, 93.2845 by changing the saturation by 10% instead.


 82.5614, 78.7377,
93.2845

 82.5614, 78.7377,
93.2845


492.1297,
490.6685, 559.5017

 62.1441, 58.6802,
70.1190

135.8927,
131.5895, 153.8675

 45.4052, 42.3557,
51.1462


169.5374,
165.1526, 192.1222

 31.9793, 29.3799,
35.9474


208.3220,
203.9864, 236.2436

 21.5012, 19.3684,
24.1042

252.6117,
248.4751, 286.6504

 13.6054, 11.9368,
15.1980

302.7720,
299.0034, 343.7611

 7.9266, 6.7006,
8.8103

359.1682,

 4.0994, 3.2756,

355.9554, 407.9941

4.5225

422.1656,
419.7157, 479.7682

■ 1.7585, 1.2773,
1.9162

■ 0.4925, 0.1235,
0.5030

■ 82.5614, 78.7377,
93.2845

■ 82.5614, 78.7377,
93.2845

■ 74.7975, 65.7304,
82.9265

■ 91.4474, 93.8321,
104.5012

■ 68.1027, 54.7076,
73.3978

95.0500, 100.0000,
108.9000

■ 62.4272, 45.5726,
64.6744

■ 57.7153, 38.2167,
56.7288

■ 53.9056, 32.5200,
49.5312

■ 50.9290, 28.3476,
43.0494

■ 48.7059, 25.5433,
37.2469

■ 47.1394, 23.9164,
32.0813

■ 46.4055, 23.3262,
29.1310

Harmonies

Analogous

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



80.1481, 78.7377, 103.9455



82.5614, 78.7377, 93.2845



82.8613, 78.7377, 81.4625

Triad

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



82.5614, 78.7377, 93.2845



73.3318, 78.7377, 65.3904



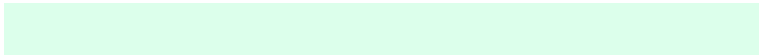
69.0385, 78.7377, 101.4695

Complementary

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



82.5614, 78.7377, 93.2845



80.2731, 92.7350, 92.2695

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.



67.3498, 78.7377, 90.1480



82.5614, 78.7377, 93.2845



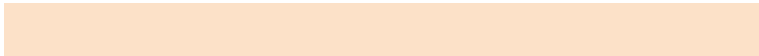
69.7674, 78.7377, 69.7809

Square

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



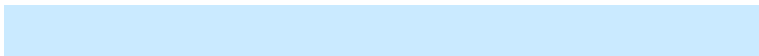
82.5614, 78.7377, 93.2845



77.4305, 78.7377, 66.0635



67.6116, 78.7377, 78.5985



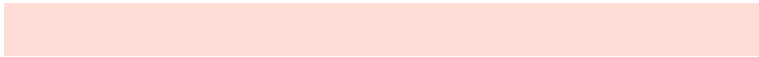
72.3037, 78.7377, 108.9615

Rectangle

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



82.5614, 78.7377, 93.2845



81.8104, 78.7377, 74.5795



67.6116, 78.7377, 78.5985



68.2731, 78.7377, 97.9443

Sweetspot

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



82.5632, 78.7409, 93.2862



91.1860, 93.3855, 104.1790



77.7695, 76.0015, 105.1786



19.3665, 19.7304, 22.1119



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.



82.5632, 78.7409, 93.2862



80.6984, 75.5989, 90.8531



80.1436, 77.7731, 80.5447



18.4444, 18.1611, 20.9571



24.3242, 12.2190, 15.6235



2.4231, 1.2116, 1.8096

Inverse Universe

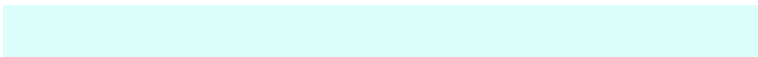
The Inverse Universe completely reimagines the original color for something new.



82.5632, 78.7409, 93.2862



80.6984, 75.5989, 90.8531



82.8610, 93.7702, 105.8973



18.4444, 18.1611, 20.9571



24.3242, 12.2190, 15.6235



2.4231, 1.2116, 1.8096

Previews

White Background



This preview shows how the XYZ color 82.5614, 78.7377, 93.2845 looks on a white background.

Color Contrast Check

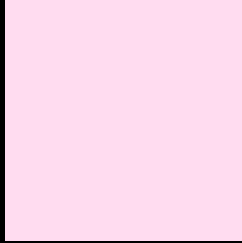
Large Text (above 18pt) WCAG AA × Fail

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 82.5614, 78.7377, 93.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

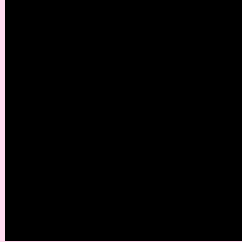
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5614, 78.7377, 93.2845

Background



This preview shows how black text looks on a background with the XYZ color 82.5614, 78.7377, 93.2845.



This preview shows how white text looks on a background with the XYZ color 82.5614, 78.7377,

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

82.5614, 78.7377, 93.2845

Protanopia

76.5379, 78.7374, 97.5501

Deuteranopia

80.6791, 78.9638, 92.6506



Tritanopia

82.2658, 78.6194, 91.7281

Trichromacy



Original Color

82.5614, 78.7377, 93.2845

Protanomaly

78.3628, 78.4986, 95.8156

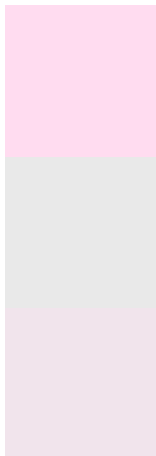
Deuteranomaly

81.4849, 78.9838, 92.6120

Tritanomaly

82.4132, 78.6784, 92.5042

Monochromacy



Original Color

82.5614, 78.7377, 93.2845

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.1594, 80.2437, 90.6733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5614, 78.7377, 93.2845 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.5614, 78.7377, 93.2845 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, 240) }
```


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

```
.border{ border-color:rgb(255, 220, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5614, 78.7377, 93.2845 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
220, 240) }
```

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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