

Converting Colors

XYZ(119.2914, 99.0151,
96.6882)

Have a look what the booklet for
XYZ(119.2914, 99.0151, 96.6882)
contains.

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Color

**XYZ(83.6547, 80.4462,
95.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF2
RGB	255, 223, 242
RGB Percent	100%, 87%, 95%
CMY	0.0000, 0.1255, 0.0510
CMYK	0.00, 0.13, 0.05, 0.00
HSL	324°, 100%, 94%
HSV	324°, 13%, 100%
XYZ	83.6547, 80.4462, 95.1230
YIQ	234.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

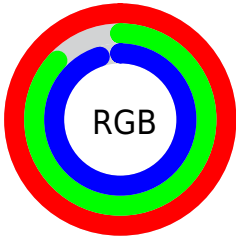
Format	Color
R _Y B	255, 223, 242
Decimal	16769010
CIE Lab	91.88, 14.15, -5.18
CIE LCh	92, 15.067, 339.873
Yxy	80.4462, 0.3227, 0.3103
Android (android.graphics.Color)	4294959090 (0xFFFFDFF2)
YUV	234.7340, 3.5821, 17.7733
Hunter-Lab	89.6918, 9.5246, -0.0960

Details

The XYZ color **83.6547, 80.4462, 95.1230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3343, 93.2653, 93.0756**, and the grayscale version is **78.7318, 82.8320, 90.2040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1543, 43.5562, 52.4290** is the 20% darker color. If you saturate the color by 10%, you get **75.8359, 67.2285, 85.0565**, and if you desaturate by 10%, it is **92.5913, 95.7576, 105.9992**.

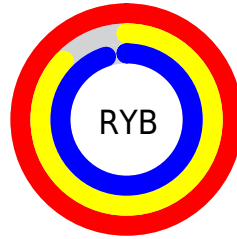
Distribution



Red (100%)

Green (87%)

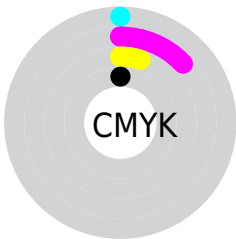
Blue (95%)



Red (100%)

Yellow (87%)

Blue (95%)

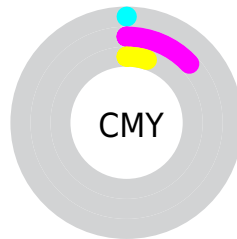


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6547, 80.4462, 95.1230 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 83.6547, 80.4462, 95.1230 by changing the saturation by 10% instead.


 83.6547, 80.4462,
95.1230

 83.6547, 80.4462,
95.1230


495.7169,
496.4353, 565.5531

 63.0491, 60.0856,
71.6399


137.4158,
133.9929, 156.4316

 46.1398, 43.4876,
52.3795


171.3021,
167.9478, 195.0941

 32.5612, 30.2679,
36.9234


210.3459,
207.2028, 239.6535

 21.9481, 20.0420,
24.8528

254.9128,
252.1425, 290.5284

 13.9352, 12.4256,
15.7494

305.3679,
303.1512, 348.1373

 8.1570, 7.0342,
9.1946

362.0768,

 4.2482, 3.4835,

360.6133, 412.8986

4.7698

425.4046,
424.9132, 485.2311

■ 1.8435, 1.3891,
2.0565

■ 0.5437, 0.2086,
0.5897

■ 83.6547, 80.4462,
95.1230

■ 83.6547, 80.4462,
95.1230

■ 75.8359, 67.2285,
85.0565

■ 92.5913, 95.7576,
105.9992

■ 69.0823, 56.0028,
75.7718

95.0500, 100.0000,
108.9000

■ 63.3450, 46.6733,
67.2464

■ 58.5691, 39.1326,
59.4543

■ 54.6942, 33.2624,
52.3679

■ 51.6525, 28.9299,
45.9566

■ 49.3663, 25.9820,
40.1862

■ 47.7414, 24.2333,
35.0169

■ 46.8584, 23.5073,
31.5158

Harmonies

Analogous

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



81.3262, 80.4462, 104.9653



83.6547, 80.4462, 95.1230



84.0203, 80.4462, 83.9931

Triad

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



83.6547, 80.4462, 95.1230



75.1944, 80.4462, 68.2505



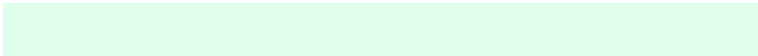
70.8982, 80.4462, 101.9592

Complementary

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



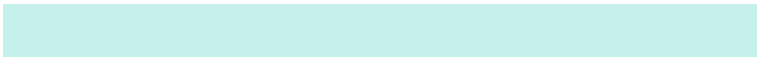
83.6547, 80.4462, 95.1230



81.3343, 93.2653, 93.0756

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.



69.3706, 80.4462, 91.2928



83.6547, 80.4462, 95.1230



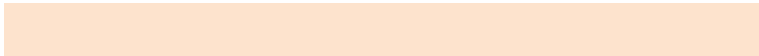
71.7952, 80.4462, 72.2504

Square

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



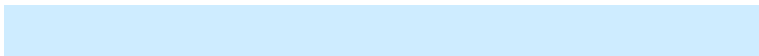
83.6547, 80.4462, 95.1230



79.0479, 80.4462, 69.0878



69.6933, 80.4462, 80.4698



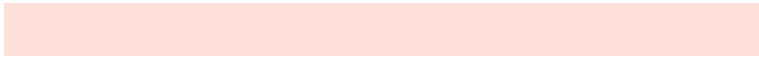
73.9325, 80.4462, 109.1369

Rectangle

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



83.6547, 80.4462, 95.1230



83.0894, 80.4462, 77.4123



69.6933, 80.4462, 80.4698



70.1962, 80.4462, 98.6277

Sweetspot

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



83.6565, 80.4495, 95.1247



91.2218, 93.3998, 104.3678



78.9662, 77.7978, 105.4623



19.3756, 19.7340, 22.1597



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

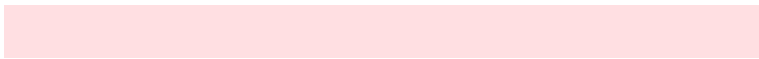
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6565, 80.4495, 95.1247



81.6365, 77.0161, 92.5808



81.3850, 79.5408, 83.1629



18.4620, 18.1681, 21.0502



24.5604, 12.3135, 16.8676



2.4456, 1.2206, 1.9277

Inverse Universe

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



83.6565, 80.4495, 95.1247



81.6365, 77.0161, 92.5808



83.7324, 94.2246, 105.7039



18.4620, 18.1681, 21.0502



24.5604, 12.3135, 16.8676



2.4456, 1.2206, 1.9277

Previews

White Background



This preview shows how the XYZ color 83.6547, 80.4462, 95.1230 looks on a white background.

Color Contrast Check

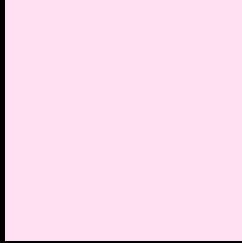
Large Text (above 18pt) WCAG AA × Fail

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 83.6547, 80.4462, 95.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

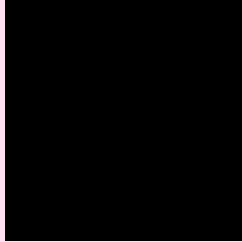
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.6547, 80.4462, 95.1230

Background



This preview shows how black text looks on a background with the XYZ color 83.6547, 80.4462, 95.1230.



This preview shows how white text looks on a background with the XYZ color 83.6547, 80.4462,

95.1230.

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

83.6547, 80.4462, 95.1230

Protanopia

78.2101, 80.4033, 98.5860

Deuteranopia

82.3766, 80.5852, 95.2172



Tritanopia

83.5049, 80.3862, 94.3340

Trichromacy



Original Color

83.6547, 80.4462, 95.1230

Protanomaly

79.8857, 80.0560, 97.6281

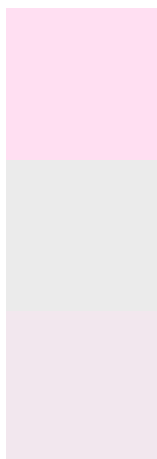
Deuteranomaly

82.8276, 80.4176, 95.1611

Tritanomaly

83.5049, 80.3862, 94.3340

Monochromacy



Original Color

83.6547, 80.4462, 95.1230

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.6265, 82.2021, 92.5060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6547, 80.4462, 95.1230 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, 223, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 242) }
```

Border

The CSS property to change the border of an element to XYZ 83.6547, 80.4462, 95.1230 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, 223, 242) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6547, 80.4462, 95.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 242) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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