

Converting Colors

XYZ(83.0844, 83.6324, 94.1603)

Have a look what the booklet for
XYZ(83.0844, 83.6324, 94.1603)
contains.

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Color

**XYZ(83.0155, 83.3996,
94.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E7F0
RGB	248, 231, 240
RGB Percent	97%, 91%, 94%
CMY	0.0274, 0.0941, 0.0588
CMYK	0.00, 0.07, 0.03, 0.03
HSL	328°, 55%, 94%
HSV	328°, 7%, 97%
XYZ	83.0155, 83.3996, 94.1604
YIQ	237.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

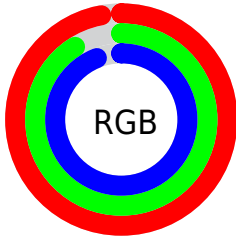
Format	Color
R _Y B	248, 231, 240
Decimal	16312304
CIE Lab	93.19, 7.30, -2.29
CIE LCh	93, 7.652, 342.595
Yxy	83.3996, 0.3186, 0.3201
Android (android.graphics.Color)	4294502384 (0xFF8E7F0)
YUV	237.1090, 1.4253, 9.5514
Hunter-Lab	91.3234, 2.4456, 2.7945

Details

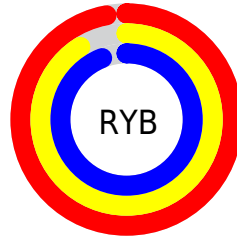
The XYZ color **83.0155, 83.3996, 94.1604** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1056, 90.3579, 94.7792**, and the grayscale version is **80.5677, 84.7635, 92.3075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7199, 45.3271, 51.6867** is the 20% darker color. If you saturate the color by 10%, you get **74.8820, 69.8182, 83.1673**, and if you desaturate by 10%, it is **91.9911, 98.4844, 105.9867**.

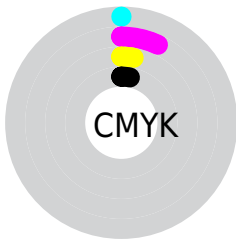
Distribution



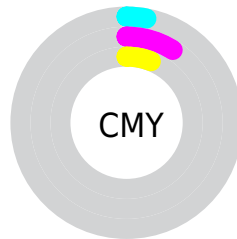
- Red (97%)
- Green (91%)
- Blue (94%)



- Red (97%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0155, 83.3996, 94.1604 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 83.0155, 83.3996, 94.1604 by changing the saturation by 10% instead.


 83.0155, 83.3996,
94.1604

 83.0155, 83.3996,
94.1604

493.6213,
506.3173, 562.3891

 62.5199, 62.5199,
70.8433


136.5256,
138.1350, 155.0897

 45.7101, 45.4529,
51.7333


170.2708,
172.7594, 193.5391

 32.2208, 31.8143,
36.4118


209.1632,
212.7342, 237.8697

 21.6865, 21.2197,
24.4602

253.5682,
258.4438, 288.4999

 13.7421, 13.2847,
15.4600

303.8512,
310.2725, 345.8485

 8.0220, 7.6249,
8.9926

360.3774,

 4.1609, 3.8559,

368.6047, 410.3338

4.6396

423.5124,
433.8248, 482.3745

■ 1.7936, 1.5933,
1.9824

■ 0.5138, 0.3531,
0.5444

■ 83.0155, 83.3996,
94.1604

■ 83.0155, 83.3996,
94.1604

■ 74.8820, 69.8182,
83.1673

■ 91.9911, 98.4844,
105.9867

■ 67.7979, 58.1615,
73.0632

■ 92.5219, 98.6967,
108.7817

■ 61.7194, 48.3442,
63.8239

■ 56.5968, 40.2705,
55.4220

■ 52.3758, 33.8355,
47.8282

■ 48.9966, 28.9231,
41.0108

■ 46.3914, 25.4017,
34.9352

■ 44.4810, 23.1171,
29.5625

■ 43.1655, 21.8737,
24.8463

Harmonies

Analogous

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



81.9144, 83.3996, 99.2053



83.0155, 83.3996, 94.1604



83.1021, 83.3996, 88.4149

Triad

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



83.0155, 83.3996, 94.1604



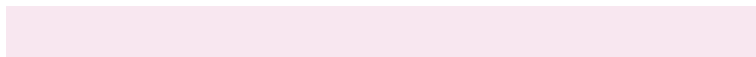
78.4287, 83.3996, 80.4250



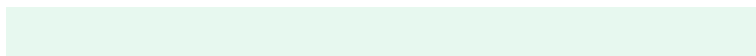
76.4567, 83.3996, 98.5100

Complementary

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



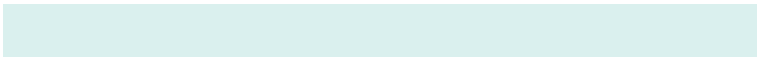
83.0155, 83.3996, 94.1604



82.1056, 90.3579, 94.7792

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.



75.5552, 83.3996, 93.2439



83.0155, 83.3996, 94.1604



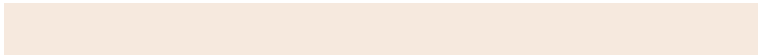
76.6808, 83.3996, 82.8984

Square

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



83.0155, 83.3996, 94.1604



80.4309, 83.3996, 80.6470



75.6366, 83.3996, 87.5361



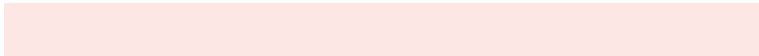
78.1180, 83.3996, 101.7885

Rectangle

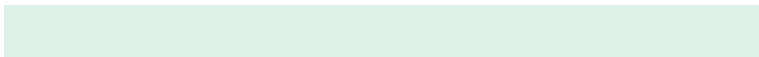
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0155, 83.3996, 94.1604



82.5709, 83.3996, 84.9729



75.6366, 83.3996, 87.5361



76.0560, 83.3996, 96.9042

Sweetspot

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



83.0179, 83.4032, 94.1622



93.0604, 96.6354, 106.3420



81.0965, 82.2723, 100.4140



19.9396, 20.7192, 22.7885



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

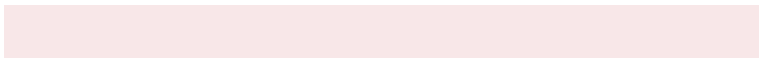
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0179, 83.4032, 94.1622



87.3761, 87.0648, 98.9048



81.7943, 82.9138, 87.7188



17.6285, 17.3788, 19.8997



23.2063, 11.6982, 13.0605



2.2029, 1.1049, 1.4918

Inverse Universe

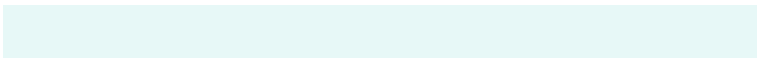
The Inverse Universe completely reimagines the original color for something new.



83.0179, 83.4032, 94.1622



87.3761, 87.0648, 98.9048



83.3805, 90.8679, 101.4926



17.6285, 17.3788, 19.8997



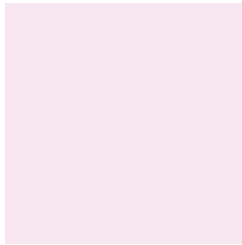
23.2063, 11.6982, 13.0605



2.2029, 1.1049, 1.4918

Previews

White Background



This preview shows how the XYZ color 83.0155, 83.3996, 94.1604 looks on a white background.

Color Contrast Check

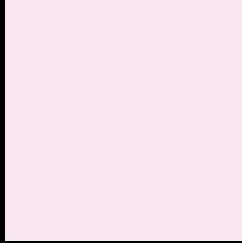
Large Text (above 18pt) WCAG AA × Fail

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 83.0155, 83.3996, 94.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

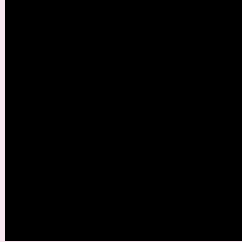
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.0155, 83.3996, 94.1604

Background



This preview shows how black text looks on a background with the XYZ color 83.0155, 83.3996, 94.1604.



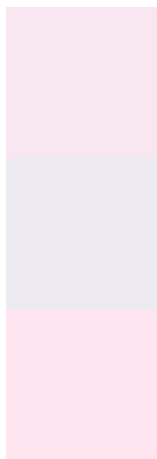
This preview shows how white text looks on a background with the XYZ color 83.0155, 83.3996,

94.1604.

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

83.0155, 83.3996, 94.1604

Protanopia

80.7097, 83.4336, 95.8548

Deuteranopia

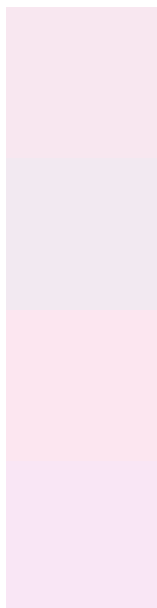
84.9875, 83.5899, 94.0932



Tritanopia

84.3070, 83.5107, 100.4827

Trichromacy



Original Color

83.0155, 83.3996, 94.1604

Protanomaly

81.6340, 83.5059, 95.0348

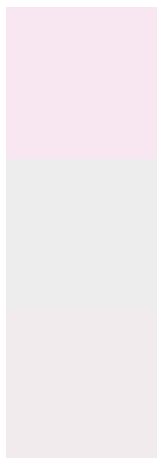
Deuteranomaly

84.1699, 83.5803, 94.1345

Tritanomaly

83.8452, 83.3259, 98.0506

Monochromacy



Original Color

83.0155, 83.3996, 94.1604

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4166, 84.2905, 92.8675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0155, 83.3996, 94.1604 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(248, 231, 240) looks like.

```
.text, #text, p{  
    color:rgb(248, 231, 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(248, 231, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 231, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.0155, 83.3996, 94.1604 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(248, 231, 240) }
```


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

```
.border{ border-color:rgb(248, 231, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 231, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 231,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0155, 83.3996, 94.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 231, 240) }
```

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

```
.background{ background-color: rgb(248,  
231, 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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