

Converting Colors

XYZ(82.1307, 82.4772, 96.3850)

Have a look what the booklet for
XYZ(82.1307, 82.4772, 96.3850)
contains.

XYZ(82.1307, 82.4772, 96.3850)	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(82.1307, 82.4772,
96.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6F3
RGB	245, 230, 243
RGB Percent	96%, 90%, 95%
CMY	0.0392, 0.0980, 0.0471
CMYK	0.00, 0.06, 0.01, 0.04
HSL	308°, 43%, 93%
HSV	308°, 6%, 96%
XYZ	82.1307, 82.4772, 96.3850
YIQ	235.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

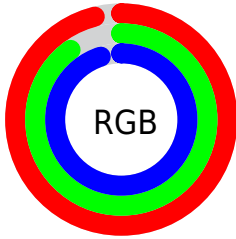
Format	Color
R _Y B	245, 230, 243
Decimal	16115443
CIE Lab	92.79, 7.34, -4.47
CIE LCh	93, 8.595, 328.630
Yxy	82.4772, 0.3147, 0.3160
Android (android.graphics.Color)	4294305523 (0xFF5E6F3)
YUV	235.9670, 3.4673, 7.9219
Hunter-Lab	90.8170, 2.4976, 0.6468

Details

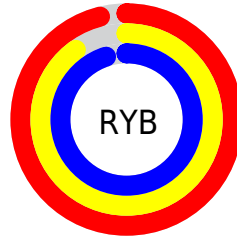
The XYZ color **82.1307, 82.4772, 96.3850** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8542, 87.9563, 89.1167**, and the grayscale version is **79.6774, 83.8268, 91.2874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2859, 45.0666, 53.3256** is the 20% darker color. If you saturate the color by 10%, you get **75.2979, 69.5932, 91.6952**, and if you desaturate by 10%, it is **89.9353, 97.2883, 101.4440**.

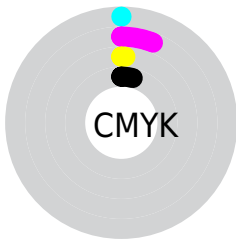
Distribution



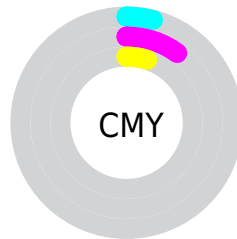
- Red (96%)
- Green (90%)
- Blue (95%)



- Red (96%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1307, 82.4772, 96.3850 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 82.1307, 82.4772, 96.3850 by changing the saturation by 10% instead.

82.1307, 82.4772,
96.3850

82.1307, 82.4772,
96.3850

490.7126,
503.2425, 569.6867

61.7877, 61.7590,
72.6850

135.2921,
136.8430, 158.1887

45.1162, 44.8380,
53.2282

168.8413,
171.2593, 197.1294

31.7506, 31.3298,
37.5960

207.5233,
211.0105, 241.9875

21.3257, 20.8501,
25.3699

251.7035,
256.4809, 293.1814

13.4761, 13.0145,
16.1313

301.7471,
308.0549, 351.1298

7.8365, 7.4385,
9.4618

358.0196,

4.0414, 3.7378,

366.1169, 416.2511

4.9427

420.8864,
431.0513, 488.9638

■ 1.7256, 1.5280,
2.1555

■ 0.4722, 0.3083,
0.6485

■ 82.1307, 82.4772,
96.3850

■ 82.1307, 82.4772,
96.3850

■ 75.2979, 69.5932,
91.6952

■ 89.9353, 97.2883,
101.4440

■ 69.3899, 58.5460,
87.3559

■ 90.5995, 97.8059,
104.1655

■ 64.3666, 49.2542,
83.3543

■ 91.1152, 98.0122,
106.8812

■ 60.1820, 41.6260,
79.6749

■ 91.4668, 98.1528,
108.7323

■ 56.7860, 35.5612,
76.3009

■ 54.1231, 30.9491,
73.2134

■ 52.1306, 27.6641,
70.3914

■ 50.7352, 25.5596,
67.8101

■ 49.8456, 24.4534,
65.4390

Harmonies

Analogous

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



80.4758, 82.4772, 101.0818



82.1307, 82.4772, 96.3850



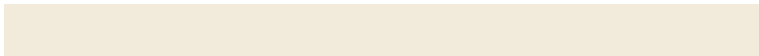
82.7812, 82.4772, 90.0992

Triad

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



82.1307, 82.4772, 96.3850



78.4952, 82.4772, 78.0181



74.6689, 82.4772, 95.8500

Complementary

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



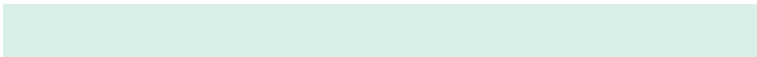
82.1307, 82.4772, 96.3850



79.8542, 87.9563, 89.1167

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.



74.1610, 82.4772, 89.5088



82.1307, 82.4772, 96.3850



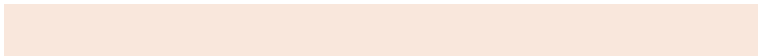
76.3447, 82.4772, 79.3973

Square

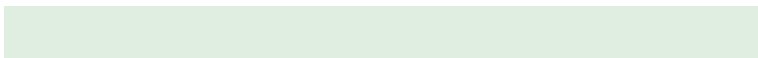
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1307, 82.4772, 96.3850



80.6576, 82.4772, 79.6695



74.7687, 82.4772, 83.5289



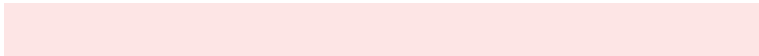
76.1694, 82.4772, 100.7627

Rectangle

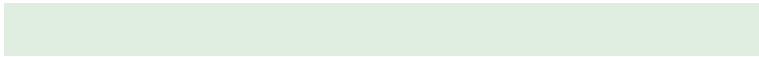
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1307, 82.4772, 96.3850



82.5484, 82.4772, 85.9171



74.7687, 82.4772, 83.5289



74.3777, 82.4772, 93.8056

Sweetspot

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



82.1331, 82.4808, 96.3868



93.3352, 96.7453, 107.7891



78.0605, 80.3462, 97.7816



19.9955, 20.7416, 23.0830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

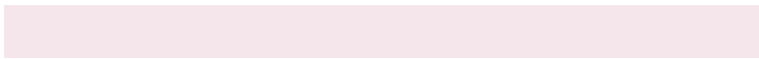
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1331, 82.4808, 96.3868



89.2367, 88.9829, 105.0830



81.0235, 82.0369, 90.5441



17.4012, 17.2726, 20.5362



26.7477, 13.0425, 34.9754



2.3767, 1.1566, 3.2101

Inverse Universe

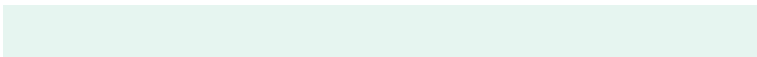
The Inverse Universe completely reimagines the original color for something new.



82.1331, 82.4808, 96.3868



89.2367, 88.9829, 105.0830



80.9423, 88.3915, 94.8468



17.4012, 17.2726, 20.5362



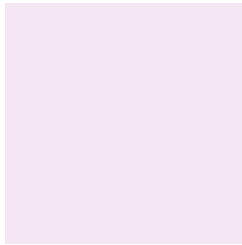
26.7477, 13.0425, 34.9754



2.3767, 1.1566, 3.2101

Previews

White Background



This preview shows how the XYZ color 82.1307, 82.4772, 96.3850 looks on a white background.

Color Contrast Check

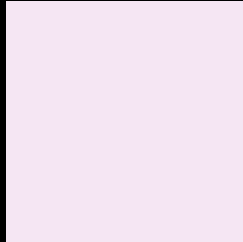
Large Text (above 18pt) WCAG AA × Fail

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 82.1307, 82.4772, 96.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

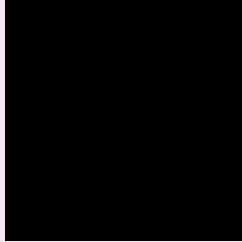
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1307, 82.4772, 96.3850

Background



This preview shows how black text looks on a background with the XYZ color 82.1307, 82.4772, 96.3850.



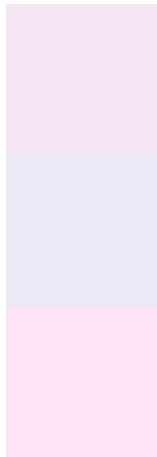
This preview shows how white text looks on a background with the XYZ color 82.1307, 82.4772,

96.3850.

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

82.1307, 82.4772, 96.3850

Protanopia

79.8813, 82.5326, 98.1064

Deuteranopia

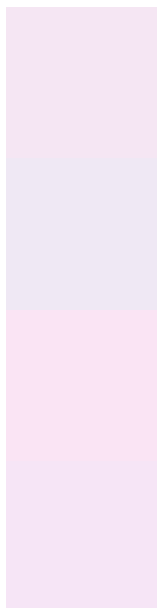
84.3062, 82.3525, 97.0401



Tritanopia

82.8138, 82.3469, 99.5255

Trichromacy



Original Color

82.1307, 82.4772, 96.3850

Protanomaly

80.7824, 82.5956, 97.2728

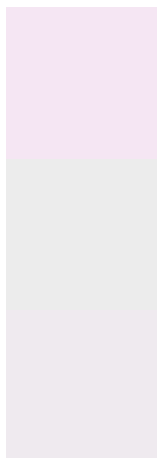
Deuteranomaly

83.4969, 82.3425, 97.0809

Tritanomaly

82.6599, 82.2853, 98.7148

Monochromacy



Original Color

82.1307, 82.4772, 96.3850

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5994, 83.4284, 93.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1307, 82.4772, 96.3850 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(245, 230, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 243)  
}
```

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(245, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.1307, 82.4772, 96.3850 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(245, 230, 243) }
```


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

```
.border{ border-color:rgb(245, 230, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1307, 82.4772, 96.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 243) }
```

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

```
.background{ background-color: rgb(245,  
230, 243) }
```

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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