

Converting Colors

XYZ(81.6818, 80.2367, 96.3621)

Have a look what the booklet for
XYZ(81.6818, 80.2367, 96.3621)
contains.

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Color

**XYZ(81.4606, 80.0956,
95.9606)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E1F3
RGB	247, 225, 243
RGB Percent	97%, 88%, 95%
CMY	0.0314, 0.1176, 0.0471
CMYK	0.00, 0.09, 0.02, 0.03
HSL	311°, 58%, 93%
HSV	311°, 9%, 97%
XYZ	81.4606, 80.0956, 95.9606
YIQ	233.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

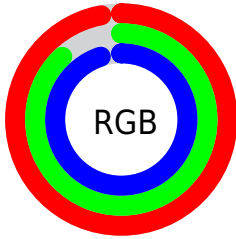
Format	Color
R _Y B	247, 225, 243
Decimal	16245235
CIE Lab	91.73, 10.60, -6.01
CIE LCh	92, 12.185, 330.421
Yxy	80.0956, 0.3163, 0.3110
Android (android.graphics.Color)	4294435315 (0xFFFF7E1F3)
YUV	233.6300, 4.6194, 11.7255
Hunter-Lab	89.4961, 5.8549, -0.9253

Details

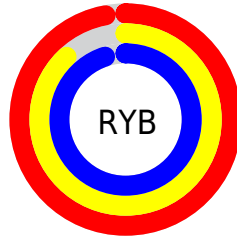
The XYZ color **81.4606, 80.0956, 95.9606** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4579, 88.1883, 87.0197**, and the grayscale version is **77.8913, 81.9477, 89.2411**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8302, 43.4137, 53.0306** is the 20% darker color. If you saturate the color by 10%, you get **74.5910, 67.4277, 90.3657**, and if you desaturate by 10%, it is **89.3173, 94.7088, 101.9684**.

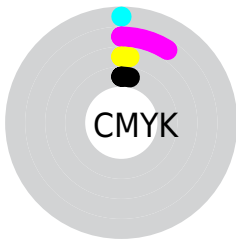
Distribution



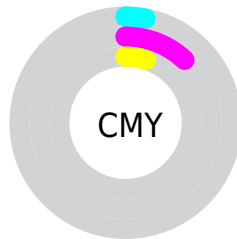
- Red (97%)
- Green (88%)
- Blue (95%)



- Red (97%)
- Yellow (88%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4606, 80.0956, 95.9606 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 81.4606, 80.0956, 95.9606 by changing the saturation by 10% instead.


 81.4606, 80.0956,
95.9606

 81.4606, 80.0956,
95.9606


488.5035,
495.2550, 568.2984

 61.2336, 59.7970,
72.3334


134.3571,
133.5001, 157.5980

 44.6670, 43.2551,
52.9426

167.7573,
167.3749, 196.4454

 31.3954, 30.0853,
37.3695


206.2793,
206.5438, 241.2032

 21.0534, 19.9033,
25.1957

250.2884,
251.3913, 292.2900

 13.2757, 12.3248,
16.0026

300.1501,
302.3018, 350.1244

 7.6970, 6.9653,
9.3716

356.2296,

 3.9518, 3.4404,

359.6596, 415.1249

4.8842

418.8923,
423.8492, 487.7101

■ 1.6749, 1.3657,
2.1220

■ 0.4405, 0.1913,
0.6288

■ 81.4606, 80.0956,
95.9606

■ 81.4606, 80.0956,
95.9606

■ 74.5910, 67.4277,
90.3657

■ 89.3173, 94.7088,
101.9684

■ 68.6602, 56.6121,
85.1640

■ 91.6866, 98.3217,
106.2285

■ 63.6261, 47.5637,
80.3419

■ 92.1683, 98.5144,
108.7651

■ 59.4407, 40.1868,
75.8829

■ 56.0515, 34.3763,
71.7689

■ 53.3998, 30.0154,
67.9796

■ 51.4191, 26.9710,
64.4923

■ 50.0303, 25.0853,
61.2801

■ 49.1167, 24.1247,
58.3033

Harmonies

Analogous

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



79.2037, 80.0956, 102.8651



81.4606, 80.0956, 95.9606



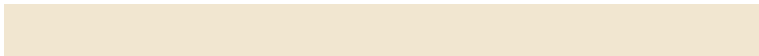
82.2803, 80.0956, 87.0844

Triad

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



81.4606, 80.0956, 95.9606



76.0844, 80.0956, 71.1479



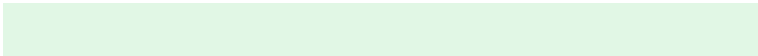
71.0763, 80.0956, 96.1937

Complementary

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



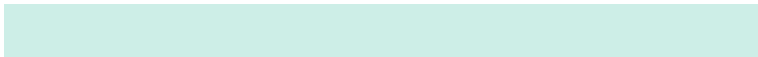
81.4606, 80.0956, 95.9606



78.4579, 88.1883, 87.0197

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.



70.2912, 80.0956, 87.3367



81.4606, 80.0956, 95.9606



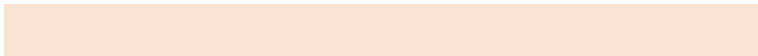
73.1339, 80.0956, 73.2307

Square

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



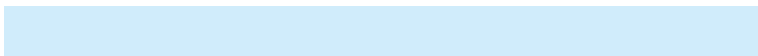
81.4606, 80.0956, 95.9606



79.1254, 80.0956, 73.1184



71.0342, 80.0956, 79.0092



73.2082, 80.0956, 103.0060

Rectangle

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



81.4606, 80.0956, 95.9606



81.8844, 80.0956, 81.3575



71.0342, 80.0956, 79.0092



70.6488, 80.0956, 93.3376

Sweetspot

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



81.4629, 80.0991, 95.9623



92.4347, 95.1265, 106.9273



75.9239, 77.1730, 98.8911



19.6388, 20.0892, 22.7755



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

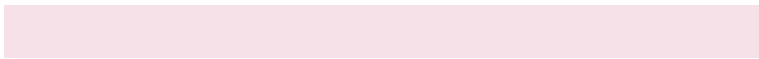
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4629, 80.0991, 95.9623



85.9349, 83.0666, 101.8638



79.8985, 79.4733, 87.7244



17.0768, 16.7136, 20.1508



25.9782, 12.7347, 30.9231



2.3161, 1.1324, 2.8911

Inverse Universe

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



81.4629, 80.0991, 95.9623



85.9349, 83.0666, 101.8638



79.9934, 88.8025, 95.1054



17.0768, 16.7136, 20.1508



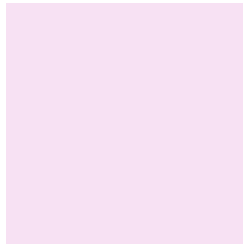
25.9782, 12.7347, 30.9231



2.3161, 1.1324, 2.8911

Previews

White Background



This preview shows how the XYZ color 81.4606, 80.0956, 95.9606 looks on a white background.

Color Contrast Check

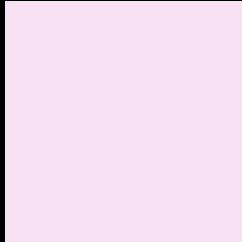
Large Text (above 18pt) WCAG AA × Fail

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 81.4606, 80.0956, 95.9606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

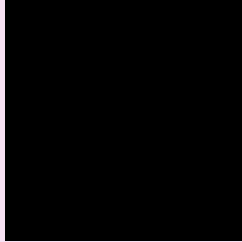
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4606, 80.0956, 95.9606

Background



This preview shows how black text looks on a background with the XYZ color 81.4606, 80.0956, 95.9606.



This preview shows how white text looks on a background with the XYZ color 81.4606, 80.0956,

95.9606.

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

81.4606, 80.0956, 95.9606

Protanopia

77.8864, 80.2364, 98.5709

Deuteranopia

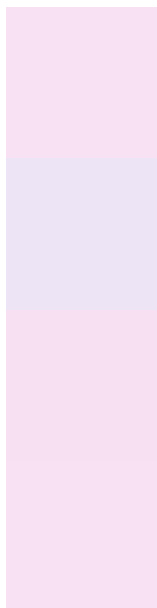
81.5447, 79.7388, 95.8873



Tritanopia

81.4606, 80.0956, 95.9606

Trichromacy



Original Color

81.4606, 80.0956, 95.9606

Protanomaly

79.1499, 80.0839, 97.6723

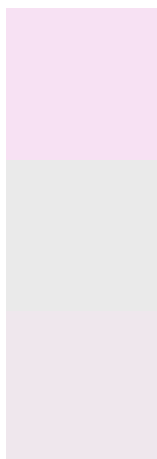
Deuteranomaly

81.5447, 79.7388, 95.8873

Tritanomaly

81.4606, 80.0956, 95.9606

Monochromacy



Original Color

81.4606, 80.0956, 95.9606

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.4586, 81.6170, 91.6865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4606, 80.0956, 95.9606 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(247, 225, 243) looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 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(247, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.4606, 80.0956, 95.9606 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(247, 225, 243) }
```


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

```
.border{ border-color:rgb(247, 225, 243) }
```

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

Here you see how a box with a 4 pixel rgb(247, 225, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4606, 80.0956, 95.9606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 243) }
```

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

```
.background{ background-color: rgb(247,  
225, 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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