

Converting Colors

XYZ(80.4108, 81.3044, 95.0715)

Have a look what the booklet for
XYZ(80.4108, 81.3044, 95.0715)
contains.

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Color

**XYZ(80.3220, 81.1502,
95.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E5F2
RGB	241, 229, 242
RGB Percent	95%, 90%, 95%
CMY	0.0549, 0.1019, 0.0510
CMYK	0.00, 0.05, 0.00, 0.05
HSL	295°, 33%, 92%
HSV	295°, 5%, 95%
XYZ	80.3220, 81.1502, 95.4345
YIQ	234.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

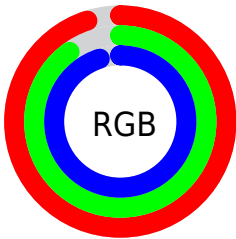
Format	Color
R _Y B	241, 229, 242
Decimal	15853042
CIE Lab	92.20, 6.35, -4.85
CIE LCh	92, 7.988, 322.594
Yxy	81.1502, 0.3127, 0.3159
Android (android.graphics.Color)	4294043122 (0xFF1E5F2)
YUV	234.0700, 3.9095, 6.0776
Hunter-Lab	90.0834, 1.5118, 0.2465

Details

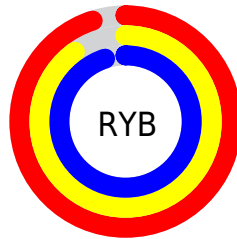
The XYZ color **80.3220, 81.1502, 95.4345** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.5310, 85.9865, 86.5908**, and the grayscale version is **78.2315, 82.3056, 89.6308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0066, 44.1316, 52.6532** is the 20% darker color. If you saturate the color by 10%, you get **73.4560, 68.3557, 93.3280**, and if you desaturate by 10%, it is **88.1325, 95.8218, 97.8560**.

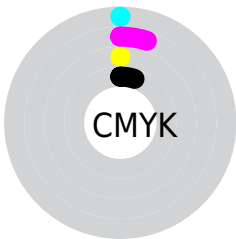
Distribution



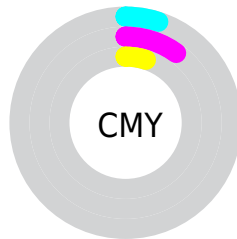
- Red (95%)
- Green (90%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3220, 81.1502, 95.4345 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 80.3220, 81.1502, 95.4345 by changing the saturation by 10% instead.

80.3220, 81.1502,
95.4345

80.3220, 81.1502,
95.4345

484.7374,
498.8007, 566.5749

60.2927, 60.6653,
71.8978

132.7665,
134.9816, 156.8655

43.9050, 43.9551,
52.5889

165.9125,
169.0970, 195.5968

30.7934, 30.6352,
37.0892

204.1613,
208.5246, 240.2301

20.5926, 20.3212,
24.9802

247.8785,
253.6489, 291.1839

12.9373, 12.6288,
15.8434

297.4294,
304.8543, 348.8768

7.4621, 7.1734,
9.2603

353.1792,

3.8016, 3.5708,

362.5251, 413.7272

4.8122

415.4934,
427.0458, 486.1537

■ 1.5905, 1.4365,
2.0807

■ 0.3862, 0.2434,
0.6042

■ 80.3220, 81.1502,
95.4345

■ 80.3220, 81.1502,
95.4345

■ 73.4560, 68.3557,
93.3280

■ 88.1325, 95.8218,
97.8560

■ 67.4892, 57.3509,
91.5183

■ 89.3475, 97.2939,
98.0761

■ 62.3827, 48.0573,
89.9936

■ 89.9993, 97.6299,
98.1066

■ 58.0923, 40.3864,
88.7391

■ 90.6577, 97.9693,
98.1374

■ 54.5698, 34.2417,
87.7387

■ 91.3226, 98.3121,
98.1685

■ 51.7618, 29.5166,
86.9747

■ 91.9941, 98.6583,
98.1999

■ 49.6082, 26.0906,
86.4269

■ 92.6722, 99.0079,
98.2317

■ 48.0386, 23.8233,
86.0720

■ 93.0272, 99.1909,
98.2483

■ 46.9666, 22.5419,
85.8812

Harmonies

Analogous

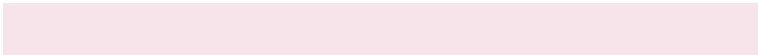
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6635, 81.1502, 99.2576



80.3220, 81.1502, 95.4345



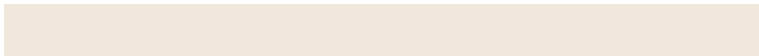
81.1281, 81.1502, 89.8299

Triad

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



80.3220, 81.1502, 95.4345



77.6428, 81.1502, 77.5744



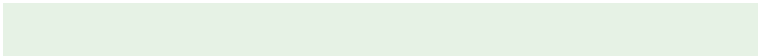
73.5294, 81.1502, 92.7916

Complementary

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



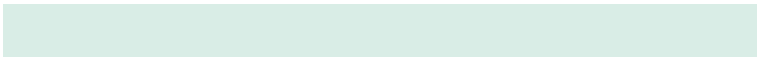
80.3220, 81.1502, 95.4345



78.5310, 85.9865, 86.5908

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.



73.2671, 81.1502, 86.9038



80.3220, 81.1502, 95.4345



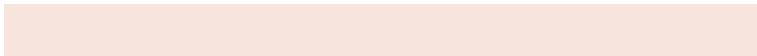
75.6182, 81.1502, 78.2885

Square

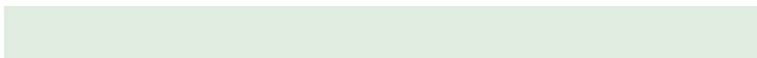
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3220, 81.1502, 95.4345



79.5634, 81.1502, 79.6459



74.0253, 81.1502, 81.6417



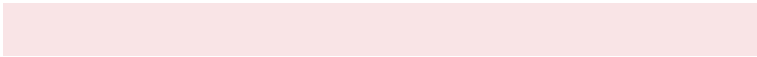
74.7483, 81.1502, 97.6850

Rectangle

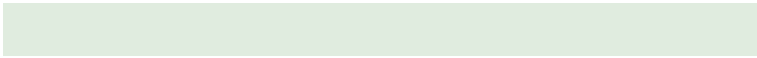
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



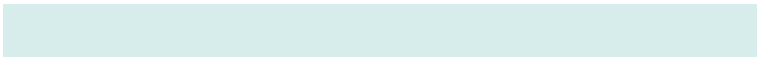
80.3220, 81.1502, 95.4345



81.0637, 81.1502, 85.9070



74.0253, 81.1502, 81.6417



73.3273, 81.1502, 90.8567

Sweetspot

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



80.3243, 81.1537, 95.4363



93.3004, 96.7148, 108.3581



76.6636, 79.7128, 95.3511



19.9885, 20.7353, 23.1988



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.



80.3243, 81.1537, 95.4363



89.9302, 90.4011, 107.3171



79.8650, 81.0095, 91.2315



16.7518, 16.7585, 20.0734



25.0746, 11.9318, 46.1094



2.1214, 1.0109, 3.8375

Inverse Universe

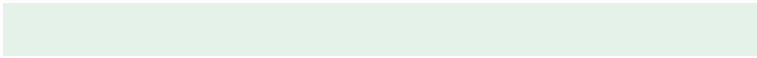
The Inverse Universe completely reimagines the original color for something new.



78.9230, 80.6327, 86.2708



88.1706, 89.7472, 95.7986



78.9792, 86.1288, 90.6209



16.3903, 16.6242, 17.7051



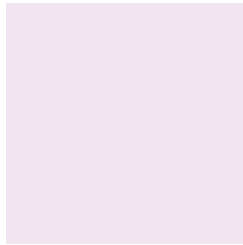
19.7516, 10.1731, 1.3424



1.6601, 0.8531, 0.2011

Previews

White Background



This preview shows how the XYZ color 80.3220, 81.1502, 95.4345 looks on a white background.

Color Contrast Check

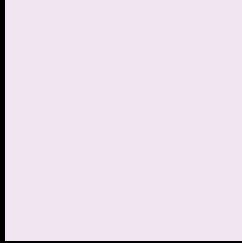
Large Text (above 18pt) WCAG AA × Fail

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 80.3220, 81.1502, 95.4345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

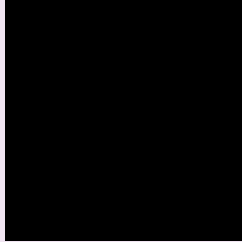
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

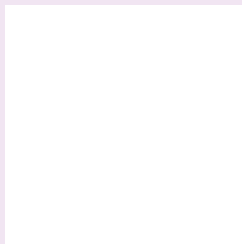
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.3220, 81.1502, 95.4345

Background



This preview shows how black text looks on a background with the XYZ color 80.3220, 81.1502, 95.4345.



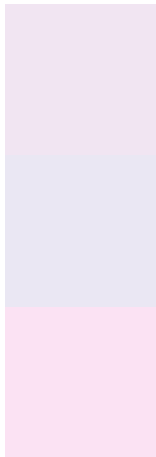
This preview shows how white text looks on a background with the XYZ color 80.3220, 81.1502,

95.4345.

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

80.3220, 81.1502, 95.4345

Protanopia

78.6853, 81.1153, 96.3037

Deuteranopia

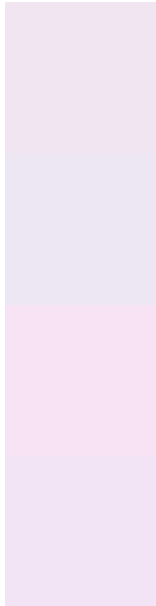
83.1577, 81.3730, 96.1177



Tritanopia

80.9959, 81.0179, 98.5578

Trichromacy



Original Color

80.3220, 81.1502, 95.4345

Protanomaly

79.3995, 81.0692, 96.2571

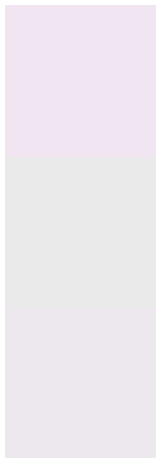
Deuteranomaly

82.0045, 81.1834, 96.1419

Tritanomaly

80.8428, 80.9566, 97.7515

Monochromacy



Original Color

80.3220, 81.1502, 95.4345

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.0677, 81.8322, 91.7486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3220, 81.1502, 95.4345 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(241, 229, 242) looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 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(241, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.3220, 81.1502, 95.4345 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(241, 229, 242) }
```


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

```
.border{ border-color:rgb(241, 229, 242) }
```

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

Here you see how a box with a 4 pixel rgb(241, 229, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3220, 81.1502, 95.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 242) }
```

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

```
.background{ background-color: rgb(241,  
229, 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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