

Converting Colors

XYZ(78.8317, 82.1023,
105.8145)

Have a look what the booklet for
XYZ(78.8317, 82.1023, 105.8145)
contains.

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Color

**XYZ(78.9908, 82.3323,
105.4944)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAFE
RGB	227, 234, 254
RGB Percent	89%, 92%, 100%
CMY	0.1098, 0.0823, 0.0039
CMYK	0.11, 0.08, 0.00, 0.00
HSL	224°, 93%, 94%
HSV	224°, 11%, 100%
XYZ	78.9908, 82.3323, 105.4944
YIQ	234.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

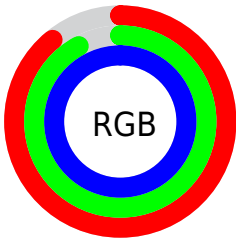
Format	Color
R_{YB}	227, 233, 254
Decimal	14936830
CIE _{Lab}	92.72, 1.47, -10.45
CIE _{LCh}	93, 10.555, 277.981
Yxy	82.3323, 0.2960, 0.3086
Android (android.graphics.Color)	4293126910 (0xFFE3EAFE)
YUV	234.1870, 9.7678, -6.3030
Hunter-Lab	90.7371, -3.3977, -5.4168

Details

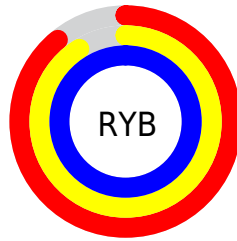
The XYZ color **78.9908, 82.3323, 105.4944** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9994, 93.1380, 86.0141**, and the grayscale version is **78.2845, 82.3614, 89.6915**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0117, 44.6427, 59.1733** is the 20% darker color. If you saturate the color by 10%, you get **66.4889, 68.3564, 103.4570**, and if you desaturate by 10%, it is **93.2480, 98.0617, 107.7803**.

Distribution



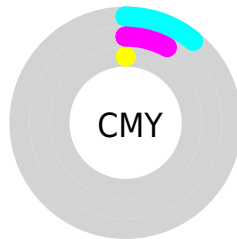
- Red (89%)
- Green (92%)
- Blue (100%)



- Red (89%)
- Yellow (91%)
- Blue (100%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9908, 82.3323, 105.4944 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 78.9908, 82.3323, 105.4944 by changing the saturation by 10% instead.

■ 78.9908, 82.3323,
105.4944

■ 78.9908, 82.3323,
105.4944

480.3137,
502.7585, 599.0647

■ 59.1938, 61.6395,
80.2546

130.9039,
136.6399, 170.8050

■ 43.0162, 44.7415,
59.4005

163.7508,
171.0235, 211.7128

■ 30.0924, 31.2538,
42.5135

201.6783,
210.7394, 258.6805

■ 20.0571, 20.7922,
29.1750

245.0519,
256.1721, 312.1265

■ 12.5451, 12.9722,
18.9665

294.2369,
307.7060, 372.4694

■ 7.1909, 7.4094,
11.4695

349.5986,

■ 3.6291, 3.7194,

365.7254, 440.1277

6.2655

411.5024,
430.6148, 515.5200

■ 1.4945, 1.5179,
2.9358

■ 0.3221, 0.3013,
1.0619

■ 78.9908, 82.3323,
105.4944

■ 78.9908, 82.3323,
105.4944

■ 66.4889, 68.3564,
103.4570

■ 93.2480, 98.0617,
107.7803

■ 55.6659, 56.0616,
101.6543

94.8896, 99.9359,
108.0556

■ 46.4502, 45.3859,
100.0794

■ 38.7623, 36.2590,
98.7229

■ 32.5155, 28.6055,
97.5749

■ 27.6138, 22.3429,
96.6244

■ 23.9490, 17.3799,
95.8596

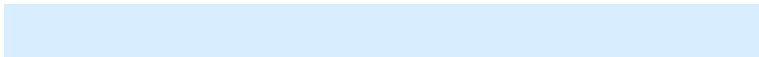
■ 21.3940, 13.6124,
95.2671

■ 19.8310, 11.0385,
94.8527

Harmonies

Analogous

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



76.2886, 82.3323, 104.4302



78.9908, 82.3323, 105.4944



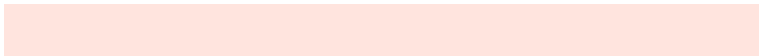
81.5537, 82.3323, 102.1198

Triad

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



78.9908, 82.3323, 105.4944



82.4966, 82.3323, 80.6459



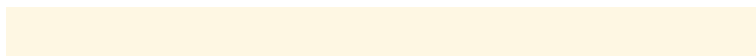
73.4541, 82.3323, 84.0873

Complementary

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



78.9908, 82.3323, 105.4944



87.9994, 93.1380, 86.0141

Split Complementary

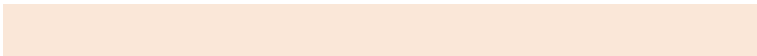
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0453, 82.3323, 78.2315



78.9908, 82.3323, 105.4944



80.2536, 82.3323, 76.3272

Square

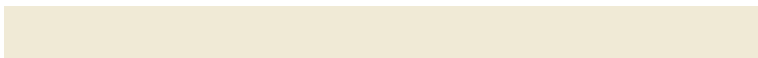
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9908, 82.3323, 105.4944



83.6085, 82.3323, 87.5598



77.5226, 82.3323, 75.4699



73.1339, 82.3323, 91.7648

Rectangle

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



78.9908, 82.3323, 105.4944



82.8238, 82.3323, 97.9171



77.5226, 82.3323, 75.4699



73.8562, 82.3323, 81.8541

Sweetspot

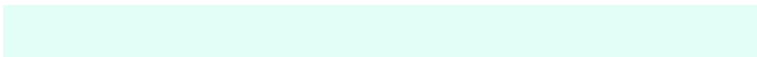
The Sweet Spot groups the original color and five complimentary colors.



78.9932, 82.3358, 105.4962



90.5104, 95.0160, 108.1773



83.8795, 93.9190, 101.5426



19.1192, 20.0581, 23.1139



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.



78.9932, 82.3358, 105.4962



76.5500, 79.5694, 105.9316



79.0623, 79.4698, 104.9394



17.3860, 18.1436, 22.8357



10.5553, 6.0202, 50.0403



1.1116, 0.7540, 4.9002

Inverse Universe

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



83.1954, 81.9514, 89.2792



81.6674, 79.1613, 86.1687



87.9135, 96.3328, 86.6353



18.2027, 18.0644, 19.6847



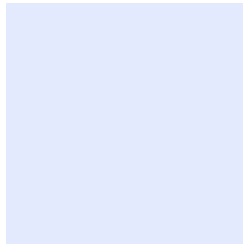
22.1160, 11.3357, 3.9956



2.1957, 1.1207, 0.6120

Previews

White Background



This preview shows how the XYZ color 78.9908, 82.3323, 105.4944 looks on a white background.

Color Contrast Check

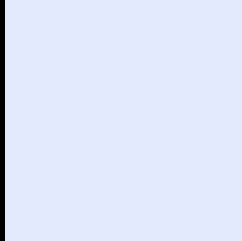
Large Text (above 18pt) WCAG AA × Fail

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 78.9908, 82.3323, 105.4944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

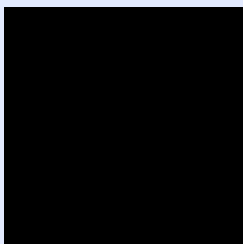
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9908, 82.3323, 105.4944

Background



This preview shows how black text looks on a background with the XYZ color 78.9908, 82.3323, 105.4944.



This preview shows how white text looks on a background with the XYZ color 78.9908, 82.3323,

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

78.9908, 82.3323, 105.4944

Protanopia

80.1905, 82.1287, 104.5544

Deuteranopia

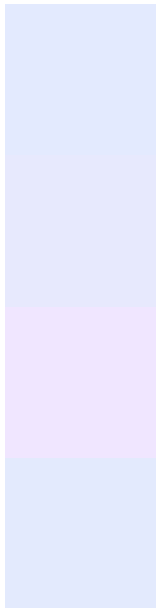
84.1512, 82.4810, 106.0929



Tritanopia

78.8310, 82.2684, 104.6531

Trichromacy



Original Color

78.9908, 82.3323, 105.4944

Protanomaly

79.8235, 82.3586, 104.6182

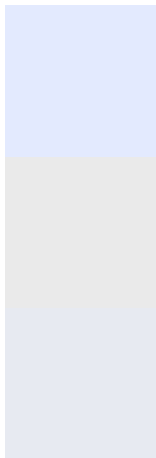
Deuteranomaly

82.2820, 82.3389, 106.1640

Tritanomaly

78.8310, 82.2684, 104.6531

Monochromacy



Original Color

78.9908, 82.3323, 105.4944

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2550, 82.1854, 94.9580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9908, 82.3323, 105.4944 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(227, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 254)  
}
```

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(227, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.9908, 82.3323, 105.4944 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(227, 234, 254) }
```


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

```
.border{ border-color:rgb(227, 234, 254) }
```

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

Here you see how a box with a 4 pixel rgb(227, 234, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9908, 82.3323, 105.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 254) }
```

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

```
.background{ background-color: rgb(227,  
234, 254) }
```

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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