

Converting Colors

XYZ(79.4451, 86.2032, 98.0406)

Have a look what the booklet for
XYZ(79.4451, 86.2032, 98.0406)
contains.

XYZ(79.4453, 86.2047, 98.0399)	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(79.4453, 86.2047,
98.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F2F4
RGB	226, 242, 244
RGB Percent	89%, 95%, 96%
CMY	0.1137, 0.0510, 0.0431
CMYK	0.07, 0.01, 0.00, 0.04
HSL	187°, 45%, 92%
HSV	187°, 7%, 96%
XYZ	79.4453, 86.2047, 98.0399
YIQ	237.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

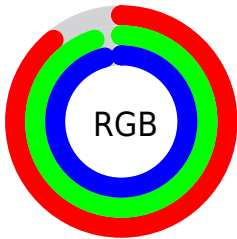
Format	Color
R_{YB}	226, 234, 244
Decimal	14873332
CIE _{Lab}	94.40, -4.87, -2.78
CIE _{LCh}	94, 5.609, 209.749
Y _{xy}	86.2047, 0.3013, 0.3269
Android (android.graphics.Color)	4293063412 (0xFFE2F2F4)
YUV	237.4440, 3.2321, -10.0364
Hunter-Lab	92.8465, -9.7455, 2.3861

Details

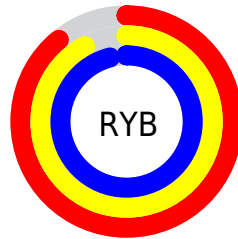
The XYZ color **79.4453, 86.2047, 98.0399** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.7794, 80.2102, 83.2829**, and the grayscale version is **80.8220, 85.0310, 92.5988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4306, 47.4066, 54.4383** is the 20% darker color. If you saturate the color by 10%, you get **71.5331, 80.9414, 97.4423**, and if you desaturate by 10%, it is **88.4631, 92.0605, 98.6962**.

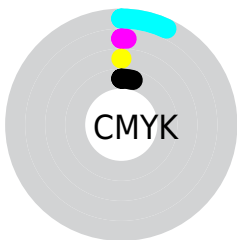
Distribution



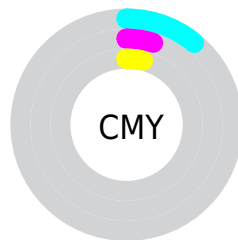
- Red (89%)
- Green (95%)
- Blue (96%)



- Red (89%)
- Yellow (92%)
- Blue (96%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4453, 86.2047, 98.0399 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 79.4453, 86.2047, 98.0399 by changing the saturation by 10% instead.

79.4453, 86.2047,
98.0399

79.4453, 86.2047,
98.0399

481.8265,
515.6059, 575.0829

59.5689, 64.8373,
74.0569

131.5402,
142.0551, 160.4892

43.3194, 47.3291,
54.3435

164.4894,
177.3069, 199.7926

30.3314, 33.2959,
38.4813

202.5269,
217.9555, 245.0399

20.2396, 22.3532,
26.0517

246.0181,
264.3854, 296.6495

12.6786, 14.1167,
16.6362

295.3283,
316.9811, 355.0401

7.2831, 8.2019,
9.8163

350.8228,

3.6877, 4.2244,

376.1267, 420.6301

5.1733

412.8672,
442.2069, 493.8382

■ 1.5270, 1.7999,
2.2888

■ 0.3441, 0.4871,
0.7249

■ 79.4453, 86.2047,
98.0399

■ 79.4453, 86.2047,
98.0399

■ 71.5331, 80.9414,
97.4423

■ 88.4631, 92.0605,
98.6962

■ 64.6734, 76.2358,
96.8956

■ 90.9580, 94.5689,
99.0489

■ 58.8196, 72.0664,
96.3994

■ 91.7934, 96.2397,
99.3274

■ 53.9187, 68.4057,
95.9511

■ 92.6408, 97.9346,
99.6099

■ 49.9129, 65.2237,
95.5480

■ 93.3294, 99.3118,
99.8394

■ 46.7378, 62.4874,
95.1872

■ 44.3206, 60.1590,
94.8652

■ 42.5756, 58.1943,
94.5779

■ 41.3907, 56.5354,
94.3202

Harmonies

Analogous

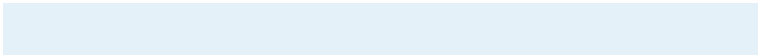
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0719, 86.2047, 93.8260



79.4453, 86.2047, 98.0399



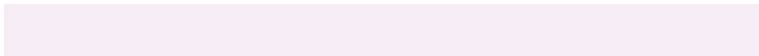
80.4841, 86.2047, 101.2137

Triad

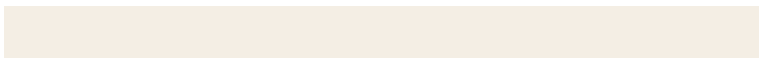
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4453, 86.2047, 98.0399



84.4632, 86.2047, 98.1047



81.9477, 86.2047, 85.8072

Complementary

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



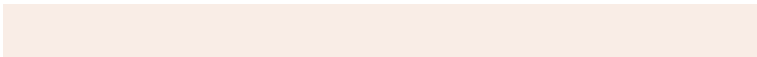
79.4453, 86.2047, 98.0399



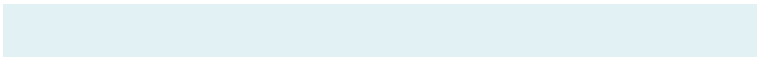
78.7794, 80.2102, 83.2829

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.



83.4032, 86.2047, 86.8757



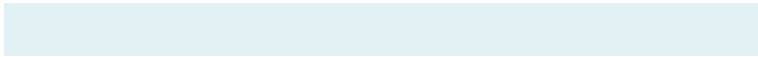
79.4453, 86.2047, 98.0399



84.8664, 86.2047, 93.8986

Square

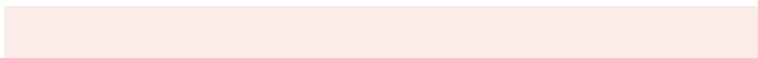
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4453, 86.2047, 98.0399



83.3810, 86.2047, 101.2519



84.4761, 86.2047, 89.8050



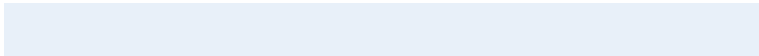
80.5058, 86.2047, 86.8413

Rectangle

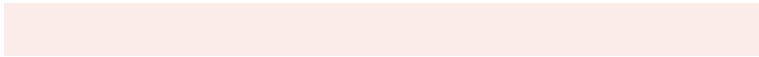
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



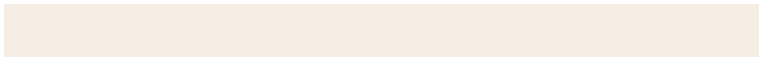
79.4453, 86.2047, 98.0399



81.4205, 86.2047, 102.2661



84.4761, 86.2047, 89.8050



82.4516, 86.2047, 85.9319

Sweetspot

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



79.4478, 86.2083, 98.0418



93.0183, 98.6852, 108.7533



77.6919, 86.4619, 85.8487



19.9310, 21.1365, 23.2792



0.0000, 0.0000, 0.0000



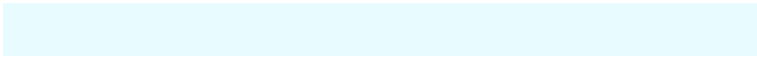
20.3446, 21.4041, 23.3091

Same Dimension

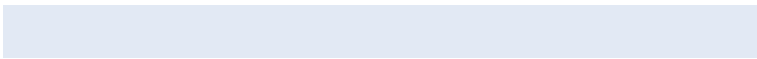
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4478, 86.2083, 98.0418



86.2984, 94.2910, 108.2593



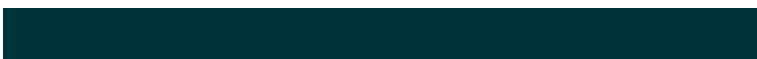
76.8901, 81.0930, 97.1892



16.8306, 18.4254, 21.2120



22.4255, 30.6447, 51.2711



2.0149, 2.7812, 4.5209

Inverse Universe

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



80.5335, 80.0383, 95.2131



87.7536, 86.0585, 104.4597



81.2633, 85.1781, 84.1108



17.1298, 16.7348, 20.4302



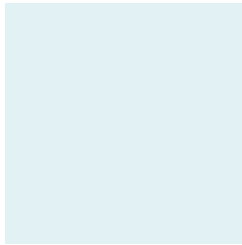
27.1239, 13.1930, 36.9562



2.4061, 1.1684, 3.3648

Previews

White Background



This preview shows how the XYZ color 79.4453, 86.2047, 98.0399 looks on a white background.

Color Contrast Check

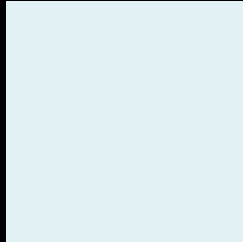
Large Text (above 18pt) WCAG AA × Fail

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 79.4453, 86.2047, 98.0399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

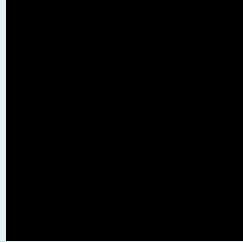
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

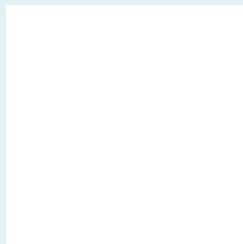
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4453, 86.2047, 98.0399

Background



This preview shows how black text looks on a background with the XYZ color 79.4453, 86.2047, 98.0399.



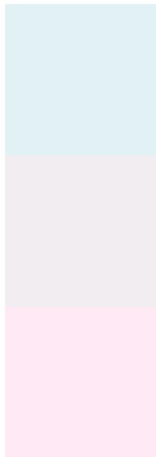
This preview shows how white text looks on a background with the XYZ color 79.4453, 86.2047,

98.0399.

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

79.4453, 86.2047, 98.0399

Protanopia

82.7793, 85.7965, 95.4165

Deuteranopia

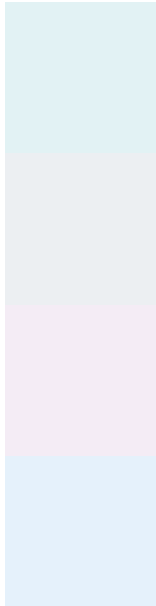
86.8603, 86.1304, 98.4330



Tritanopia

81.8432, 86.3632, 106.9639

Trichromacy



Original Color

79.4453, 86.2047, 98.0399

Protanomaly

81.4856, 85.9767, 96.3048

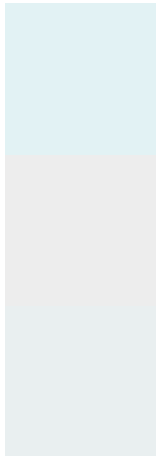
Deuteranomaly

83.7851, 85.8166, 98.5345

Tritanomaly

81.1810, 86.5336, 103.6908

Monochromacy



Original Color

79.4453, 86.2047, 98.0399

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1990, 85.3479, 94.6849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4453, 86.2047, 98.0399 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(226, 242, 244)` looks like.

```
.text, #text, p{  
    color:rgb(226, 242, 244)  
}
```

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(226, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 242, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.4453, 86.2047, 98.0399 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(226, 242, 244) }
```


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

```
.border{ border-color:rgb(226, 242, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 242, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(226, 242,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4453, 86.2047, 98.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 242, 244) }
```

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

```
.background{ background-color: rgb(226,  
242, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor