

Converting Colors

XYZ(81.6514, 87.1894, 99.7896)

Have a look what the booklet for
XYZ(81.6514, 87.1894, 99.7896)
contains.

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Color

**XYZ(81.6654, 87.3139,
99.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F2F6
RGB	232, 242, 246
RGB Percent	91%, 95%, 96%
CMY	0.0902, 0.0510, 0.0353
CMYK	0.06, 0.02, 0.00, 0.04
HSL	197°, 44%, 94%
HSV	197°, 6%, 96%
XYZ	81.6654, 87.3139, 99.7378
YIQ	239.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

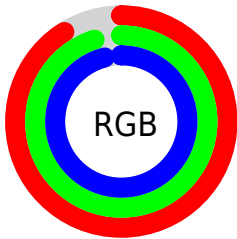
Format	Color
R _Y B	232, 238, 246
Decimal	15266550
CIE Lab	94.87, -2.55, -3.08
CIE LCh	95, 4.001, 230.313
Yxy	87.3139, 0.3039, 0.3249
Android (android.graphics.Color)	4293456630 (0xFFE8F2F6)
YUV	239.4660, 3.2213, -6.5477
Hunter-Lab	93.4419, -7.5197, 2.1245

Details

The XYZ color **81.6654, 87.3139, 99.7378** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5672, 85.4092, 88.4792**, and the grayscale version is **82.3890, 86.6797, 94.3942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7577, 48.0656, 55.6338** is the 20% darker color. If you saturate the color by 10%, you get **72.1830, 79.3846, 98.7084**, and if you desaturate by 10%, it is **91.7590, 95.6822, 100.8224**.

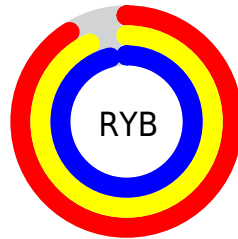
Distribution



Red (91%)

Green (95%)

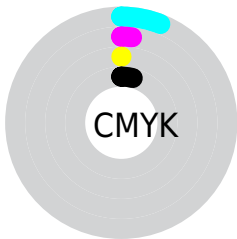
Blue (96%)



Red (91%)

Yellow (93%)

Blue (96%)

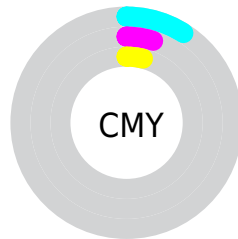


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6654, 87.3139, 99.7378 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 81.6654, 87.3139, 99.7378 by changing the saturation by 10% instead.

81.6654, 87.3139,
99.7378

81.6654, 87.3139,
99.7378

489.1793,
519.2538, 580.5912

61.4029, 65.7550,
75.4659

134.6430,
143.6016, 162.8455

44.8042, 48.0735,
55.4906

168.0888,
179.0992, 202.5185

31.5039, 33.8851,
39.3934

206.6597,
220.0118, 248.1622

21.1365, 22.8054,
26.7558

250.7212,
266.7238, 300.1952

13.3369, 14.4499,
17.1591

300.6385,
319.6196, 359.0361

7.7395, 8.4342,
10.1848

356.7771,

3.9791, 4.3740,

379.0836, 425.1034

5.4145

419.5022,
445.5002, 498.8155

■ 1.6903, 1.8849,
2.4295

■ 0.4502, 0.5393,
0.8024

■ 81.6654, 87.3139,
99.7378

■ 81.6654, 87.3139,
99.7378

■ 72.1830, 79.3846,
98.7084

■ 91.7590, 95.6822,
100.8224

■ 63.8490, 72.1627,
97.7537

■ 93.6348, 99.4339,
101.4477

■ 56.6156, 65.6246,
96.8730

■ 50.4287, 59.7412,
96.0634

■ 45.2293, 54.4805,
95.3221

■ 40.9521, 49.8076,
94.6455

■ 37.5236, 45.6831,
94.0301

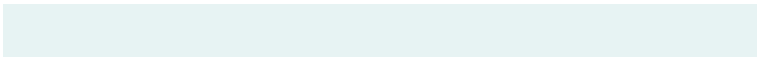
■ 34.8580, 42.0612,
93.4715

■ 32.8494, 38.8859,
92.9645

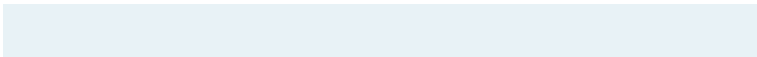
Harmonies

Analogous

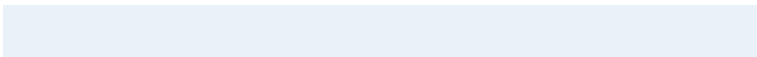
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0500, 87.3139, 97.1572



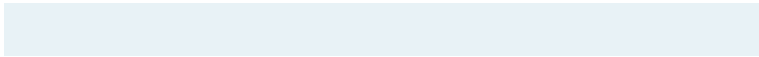
81.6654, 87.3139, 99.7378



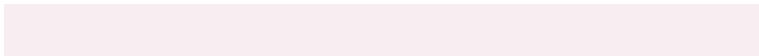
82.6391, 87.3139, 101.0761

Triad

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



81.6654, 87.3139, 99.7378



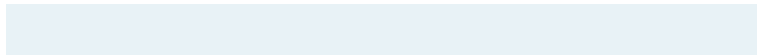
85.0607, 87.3139, 96.0779



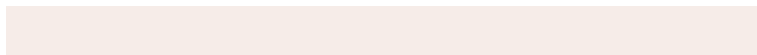
82.2678, 87.3139, 89.5814

Complementary

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



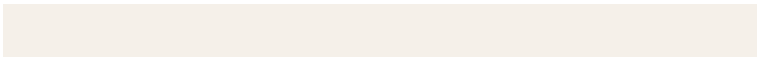
81.6654, 87.3139, 99.7378



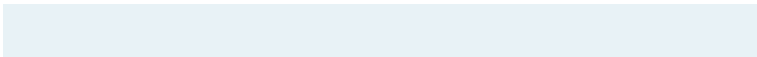
82.5672, 85.4092, 88.4792

Split Complementary

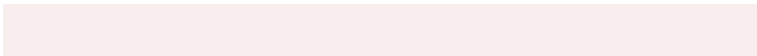
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3404, 87.3139, 89.3067



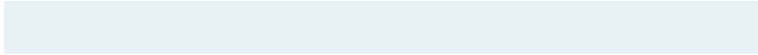
81.6654, 87.3139, 99.7378



84.9592, 87.3139, 93.0128

Square

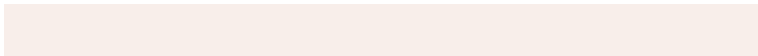
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



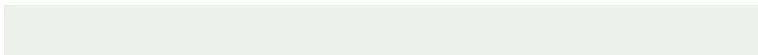
81.6654, 87.3139, 99.7378



84.6035, 87.3139, 98.9329



84.3273, 87.3139, 90.5501



81.3957, 87.3139, 91.3090

Rectangle

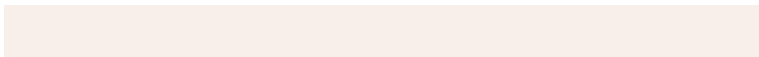
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.6654, 87.3139, 99.7378



83.3629, 87.3139, 101.0643



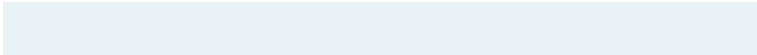
84.3273, 87.3139, 90.5501



82.6167, 87.3139, 89.3175

Sweetspot

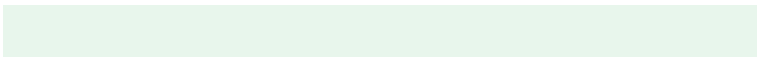
The Sweet Spot groups the original color and five complimentary colors.



81.6679, 87.3176, 99.7397



92.7359, 98.1202, 108.6591



81.3713, 89.1229, 92.2466



19.8736, 21.0215, 23.2601



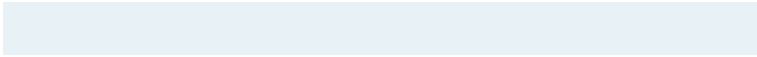
0.0000, 0.0000, 0.0000



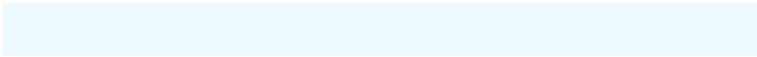
20.3446, 21.4041, 23.3091

Same Dimension

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



81.6679, 87.3176, 99.7397



87.1812, 93.5625, 108.0722



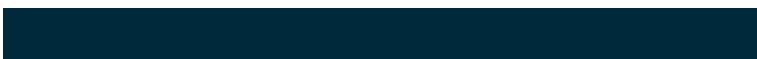
79.6325, 83.2468, 99.0613



16.9665, 18.2380, 21.1686



17.2685, 20.3308, 49.5521



1.6051, 1.9616, 4.3843

Inverse Universe

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



82.8916, 83.7185, 95.7992



88.8080, 88.8114, 102.8259



84.6135, 89.5017, 89.1613



17.3105, 17.2363, 20.0584



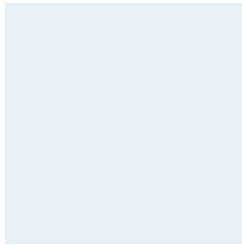
24.5209, 12.1518, 23.2490



2.1992, 1.0857, 2.2756

Previews

White Background



This preview shows how the XYZ color 81.6654, 87.3139, 99.7378 looks on a white background.

Color Contrast Check

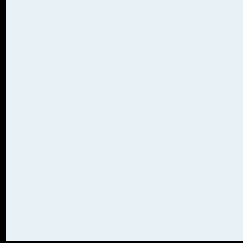
Large Text (above 18pt) WCAG AA × Fail

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 81.6654, 87.3139, 99.7378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

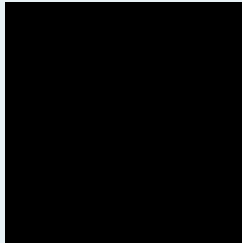
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

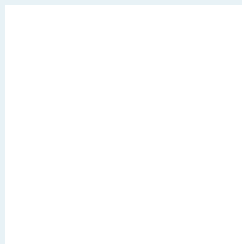
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.6654, 87.3139, 99.7378

Background



This preview shows how black text looks on a background with the XYZ color 81.6654, 87.3139, 99.7378.



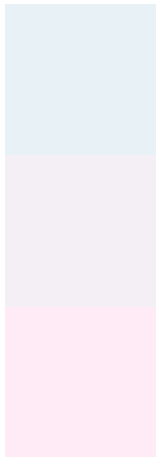
This preview shows how white text looks on a background with the XYZ color 81.6654, 87.3139,

99.7378.

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

81.6654, 87.3139, 99.7378

Protanopia

84.1578, 87.3193, 98.0067

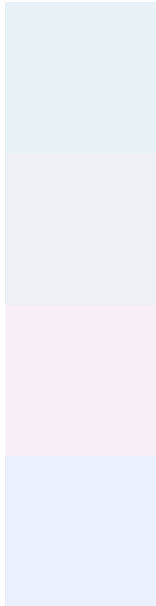
Deuteranopia

87.5829, 87.3305, 99.4291

Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

81.6654, 87.3139, 99.7378

Protanomaly

83.2381, 87.2635, 98.8426

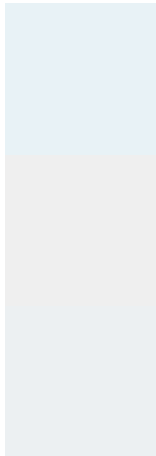
Deuteranomaly

85.5669, 87.5770, 99.5830

Tritanomaly

82.9577, 87.4313, 104.5991

Monochromacy



Original Color

81.6654, 87.3139, 99.7378

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7792, 86.5638, 96.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6654, 87.3139, 99.7378 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(232, 242, 246) looks like.

```
.text, #text, p{  
    color:rgb(232, 242, 246)  
}
```

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(232, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.6654, 87.3139, 99.7378 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(232, 242, 246) }
```


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

```
.border{ border-color:rgb(232, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(232, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6654, 87.3139, 99.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 242, 246) }
```

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

```
.background{ background-color: rgb(232,  
242, 246) }
```

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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