

Converting Colors

XYZ(86.2791, 87.9466, 99.6214)

Have a look what the booklet for
XYZ(86.2791, 87.9466, 99.6214)
contains.

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Color

**XYZ(86.2760, 87.9426,
99.6162)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EEF6
RGB	249, 238, 246
RGB Percent	98%, 93%, 96%
CMY	0.0235, 0.0666, 0.0353
CMYK	0.00, 0.04, 0.01, 0.02
HSL	316°, 48%, 95%
HSV	316°, 4%, 98%
XYZ	86.2760, 87.9426, 99.6162
YIQ	242.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

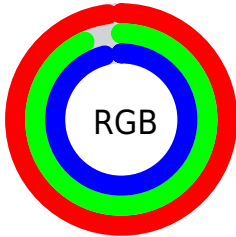
Format	Color
R _Y B	249, 238, 246
Decimal	16379638
CIE Lab	95.14, 5.08, -2.54
CIE LCh	95, 5.683, 333.431
Yxy	87.9426, 0.3151, 0.3212
Android (android.graphics.Color)	4294569718 (0xFF9EEF6)
YUV	242.2010, 1.8729, 5.9627
Hunter-Lab	93.7777, 0.1100, 2.6631

Details

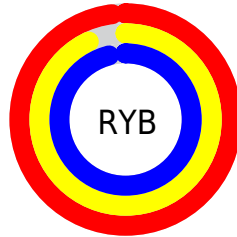
The XYZ color **86.2760, 87.9426, 99.6162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0160, 92.2817, 96.5549**, and the grayscale version is **84.5428, 88.9456, 96.8618**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0145, 48.5111, 55.5481** is the 20% darker color. If you saturate the color by 10%, you get **78.4991, 74.0260, 91.9739**, and if you desaturate by 10%, it is **92.5245, 98.7388, 106.9393**.

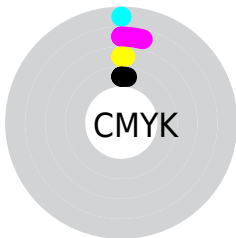
Distribution



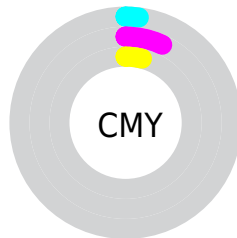
- Red (98%)
- Green (93%)
- Blue (96%)



- Red (98%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2760, 87.9426, 99.6162 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 86.2760, 87.9426, 99.6162 by changing the saturation by 10% instead.

 86.2760, 87.9426,
99.6162

 86.2760, 87.9426,
99.6162


504.2611,
521.3152, 580.1976

 65.2223, 66.2755,
75.3650


141.0594,
144.4772, 162.6769

 47.9067, 48.4961,
55.4084


175.5198,
180.1136, 202.3235

 33.9639, 34.2199,
39.3280


215.1798,
221.1752, 247.9389

 23.0287, 23.0626,
26.7052

260.4048,
268.0464, 299.9417

 14.7355, 14.6397,
17.1215

311.5600,
321.1116, 358.7504

 8.7191, 8.5669,
10.1582

369.0109,

 4.6140, 4.4598,

380.7552, 424.7836

5.3970

433.1228,
447.3616, 498.4599

■ 2.0550, 1.9340,
2.4193

■ 0.6646, 0.5687,
0.7969

■ 86.2760, 87.9426,
99.6162

■ 86.2760, 87.9426,
99.6162

■ 78.4991, 74.0260,
91.9739

■ 92.5245, 98.7388,
106.9393

■ 71.7192, 62.0441,
84.8491

■ 92.8775, 98.8800,
108.7983

■ 65.8946, 51.9132,
78.2269

■ 60.9778, 43.5389,
72.0894

■ 56.9172, 36.8185,
66.4174

■ 53.6557, 31.6387,
61.1896

■ 51.1291, 27.8715,
56.3826

■ 49.2628, 25.3688,
51.9692

■ 47.9656, 23.9485,
47.9169

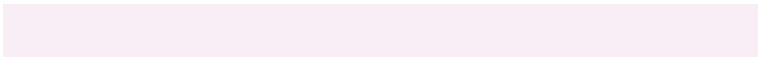
Harmonies

Analogous

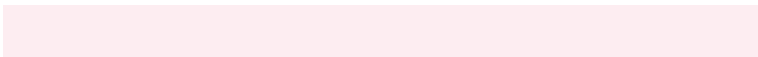
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2366, 87.9426, 103.0426



86.2760, 87.9426, 99.6162



86.5918, 87.9426, 95.2455

Triad

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



86.2760, 87.9426, 99.6162



83.4089, 87.9426, 87.4989



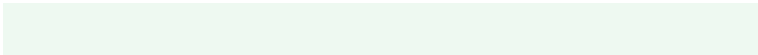
81.1285, 87.9426, 100.5258

Complementary

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



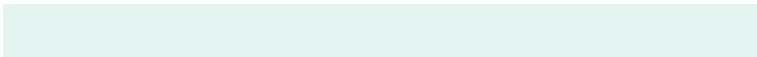
86.2760, 87.9426, 99.6162



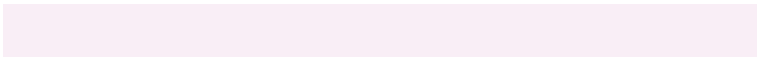
85.0160, 92.2817, 96.5549

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.



80.6521, 87.9426, 96.2654



86.2760, 87.9426, 99.6162



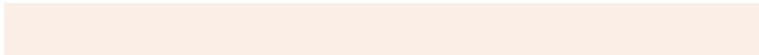
81.9584, 87.9426, 88.8185

Square

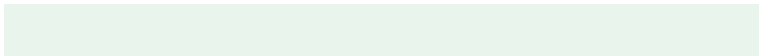
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



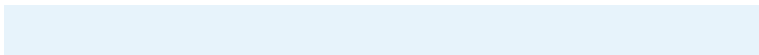
86.2760, 87.9426, 99.6162



84.9245, 87.9426, 88.3344



80.9541, 87.9426, 91.9940



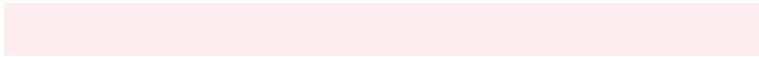
82.2632, 87.9426, 103.5790

Rectangle

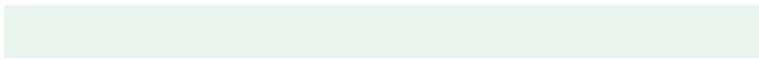
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



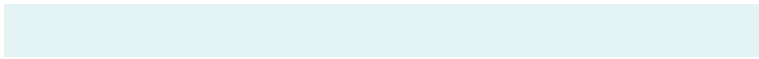
86.2760, 87.9426, 99.6162



86.3463, 87.9426, 92.4063



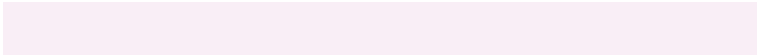
80.9541, 87.9426, 91.9940



80.8867, 87.9426, 99.1827

Sweetspot

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



86.2785, 87.9464, 99.6181



94.1301, 98.3391, 108.0418



83.9298, 86.6820, 101.9315



20.1574, 21.0661, 23.1345



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

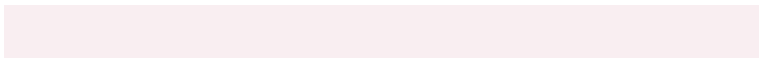
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2785, 87.9464, 99.6181



90.5615, 91.9112, 104.6659



85.4569, 87.6178, 95.2917



18.4335, 18.6123, 21.3286



25.4430, 12.5929, 24.8388



2.4009, 1.1841, 2.5348

Inverse Universe

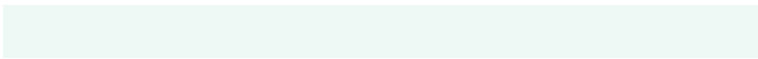
The Inverse Universe completely reimagines the original color for something new.



86.2785, 87.9464, 99.6181



90.5615, 91.9112, 104.6659



85.8396, 92.6111, 100.8915



18.4335, 18.6123, 21.3286



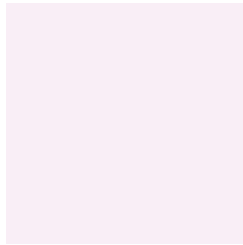
25.4430, 12.5929, 24.8388



2.4009, 1.1841, 2.5348

Previews

White Background



This preview shows how the XYZ color 86.2760, 87.9426, 99.6162 looks on a white background.

Color Contrast Check

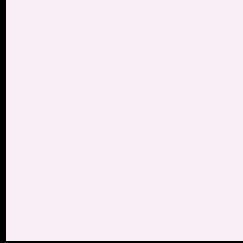
Large Text (above 18pt) WCAG AA × Fail

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 86.2760, 87.9426, 99.6162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

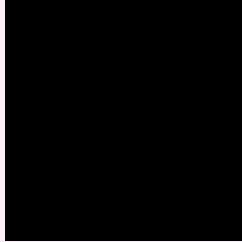
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2760, 87.9426, 99.6162

Background



This preview shows how black text looks on a background with the XYZ color 86.2760, 87.9426, 99.6162.

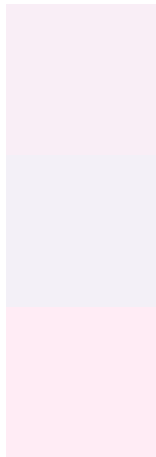


This preview shows how white text looks on a background with the XYZ color 86.2760, 87.9426,

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

86.2760, 87.9426, 99.6162

Protanopia

84.9107, 88.0903, 100.5235

Deuteranopia

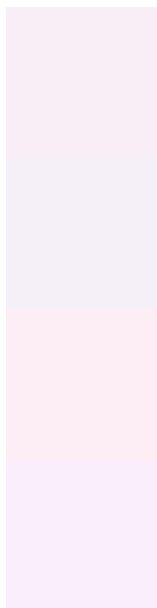
87.7169, 87.8435, 98.7185



Tritanopia

87.7585, 88.1124, 106.9898

Trichromacy



Original Color

86.2760, 87.9426, 99.6162

Protanomaly

85.3112, 87.8609, 100.4582

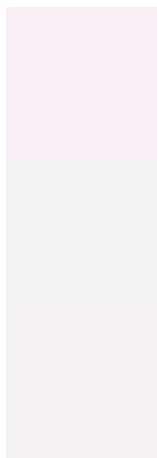
Deuteranomaly

87.2736, 88.0436, 98.7805

Tritanomaly

87.2792, 87.9206, 104.4657

Monochromacy



Original Color

86.2760, 87.9426, 99.6162

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.2891, 88.7941, 97.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2760, 87.9426, 99.6162 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(249, 238, 246) looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 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(249, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 246) }
```

Border

The CSS property to change the border of an element to XYZ 86.2760, 87.9426, 99.6162 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(249, 238, 246) }
```


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

```
.border{ border-color:rgb(249, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2760, 87.9426, 99.6162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 246) }
```

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

```
.background{ background-color: rgb(249,  
238, 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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