

Converting Colors

XYZ(85.9477, 89.4008, 97.1939)

Have a look what the booklet for
XYZ(85.9477, 89.4008, 97.1939)
contains.

XYZ(86.2876, 89.7495, 97.5696)	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(86.2876, 89.7495,
97.5696)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F2F3
RGB	247, 242, 243
RGB Percent	97%, 95%, 95%
CMY	0.0314, 0.0510, 0.0471
CMYK	0.00, 0.02, 0.02, 0.03
HSL	348°, 24%, 96%
HSV	348°, 2%, 97%
XYZ	86.2876, 89.7495, 97.5696
YIQ	243.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

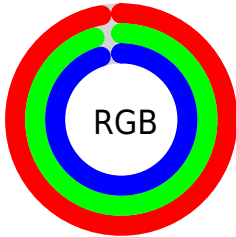
Format	Color
R_{YB}	247, 242, 243
Decimal	16249587
CIE Lab	95.89, 1.85, 0.10
CIE LCh	96, 1.849, 3.110
Yxy	89.7495, 0.3154, 0.3280
Android (android.graphics.Color)	4294439667 (0xFF7F2F3)
YUV	243.6090, -0.3002, 2.9739
Hunter-Lab	94.7362, -3.2071, 5.2521

Details

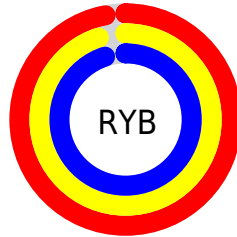
The XYZ color **86.2876, 89.7495, 97.5696** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.5167, 92.0550, 100.4019**, and the grayscale version is **85.6797, 90.1418, 98.1644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0144, 49.7820, 54.0920** is the 20% darker color. If you saturate the color by 10%, you get **76.5998, 74.8978, 80.3909**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

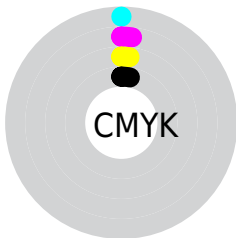
Distribution



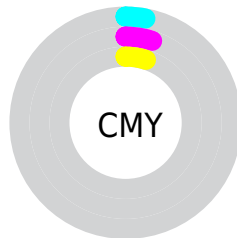
- Red (97%)
- Green (95%)
- Blue (95%)



- Red (97%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2876, 89.7495, 97.5696 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 86.2876, 89.7495, 97.5696 by changing the saturation by 10% instead.

86.2876, 89.7495,
97.5696

86.2876, 89.7495,
97.5696

504.2988,
527.2156, 573.5521

65.2319, 67.7729,
73.6668

141.0755,
146.9904, 159.8359

47.9145, 49.7130,
54.0263

175.5384,
183.0235, 199.0364

33.9702, 35.1854,
38.2293

215.2011,
224.5108, 244.1733

23.0335, 23.8057,
25.8575

260.4290,
271.8369, 295.6652

14.7391, 15.1896,
16.4923

311.5873,
325.3860, 353.9304

8.7216, 8.9525,
9.7150

369.0415,

4.6157, 4.7102,

385.5425, 419.3876

5.1073

433.1569,
452.6910, 492.4553

■ 2.0560, 2.0783,
2.2505

■ 0.6651, 0.6524,
0.7033

■ 86.2876, 89.7495,
97.5696

■ 86.2876, 89.7495,
97.5696

■ 76.5998, 74.8978,
80.3909

■ 92.1683, 98.5144,
108.7651

■ 68.1743, 62.0734,
65.1691

■ 60.9610, 51.1918,
51.8357

■ 54.9031, 42.1576,
40.3164

■ 49.9396, 34.8679,
30.5318

■ 46.0036, 29.2091,
22.3962

■ 43.0205, 25.0546,
15.8169

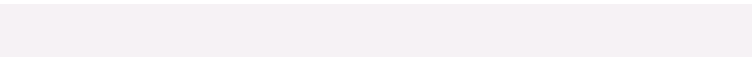
■ 40.9056, 22.2587,
10.6913

■ 39.5579, 20.6462,
6.9034

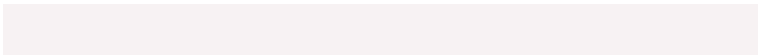
Harmonies

Analogous

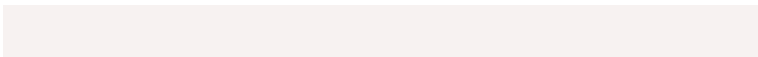
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1822, 89.7495, 98.9983



86.2876, 89.7495, 97.5696



86.1286, 89.7495, 96.1952

Triad

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



86.2876, 89.7495, 97.5696



84.7694, 89.7495, 95.3873



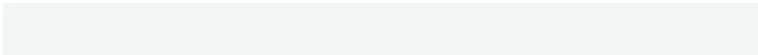
84.8612, 89.7495, 100.2494

Complementary

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



86.2876, 89.7495, 97.5696



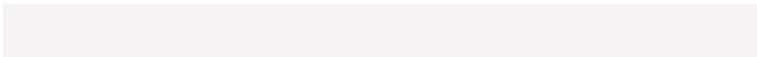
86.5167, 92.0550, 100.4019

Split Complementary

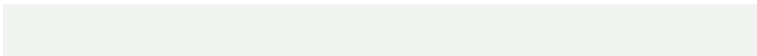
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4851, 89.7495, 99.2648



86.2876, 89.7495, 97.5696



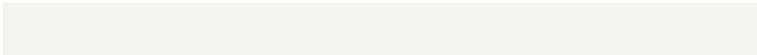
84.4322, 89.7495, 96.4566

Square

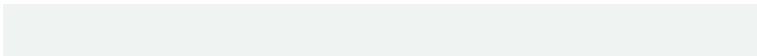
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



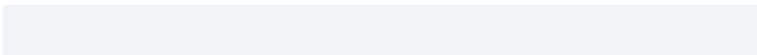
86.2876, 89.7495, 97.5696



85.2510, 89.7495, 94.9431



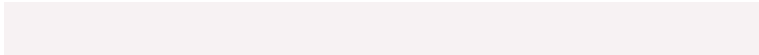
84.3283, 89.7495, 97.8745



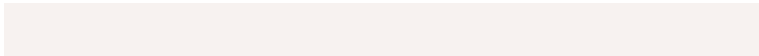
85.3574, 89.7495, 100.5545

Rectangle

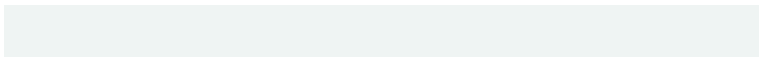
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2876, 89.7495, 97.5696



85.8945, 89.7495, 95.4919



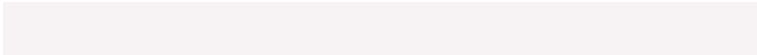
84.3283, 89.7495, 97.8745



84.7166, 89.7495, 99.9864

Sweetspot

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



86.2901, 89.7534, 97.5715



93.9149, 98.2530, 106.9086



86.5495, 89.8165, 100.7717



20.1136, 21.0486, 22.9038



0.0000, 0.0000, 0.0000



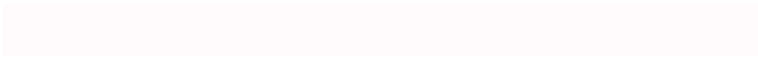
20.3446, 21.4041, 23.3091

Same Dimension

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



86.2901, 89.7534, 97.5715



92.7940, 96.5289, 104.9391



86.5880, 90.5892, 96.9308



18.2104, 18.9550, 20.6085



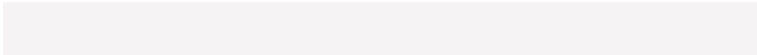
20.6218, 10.5922, 2.7168



1.8474, 0.9449, 0.4230

Inverse Universe

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



86.2901, 89.7534, 97.5715



92.7940, 96.5289, 104.9391



86.2135, 91.2033, 101.0571



18.2104, 18.9550, 20.6085



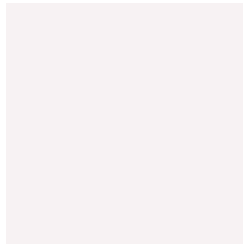
20.6218, 10.5922, 2.7168



1.8474, 0.9449, 0.4230

Previews

White Background



This preview shows how the XYZ color 86.2876, 89.7495, 97.5696 looks on a white background.

Color Contrast Check

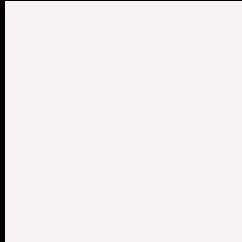
Large Text (above 18pt) WCAG AA × Fail

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 86.2876, 89.7495, 97.5696 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

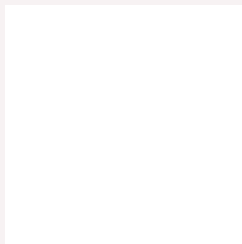
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2876, 89.7495, 97.5696

Background



This preview shows how black text looks on a background with the XYZ color 86.2876, 89.7495, 97.5696.



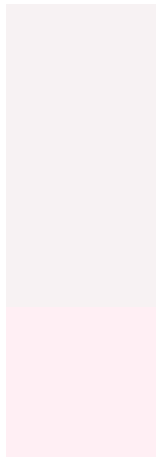
This preview shows how white text looks on a background with the XYZ color 86.2876, 89.7495,

97.5696.

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

86.2876, 89.7495, 97.5696

Protanopia

86.2876, 89.7495, 97.5696

Deuteranopia

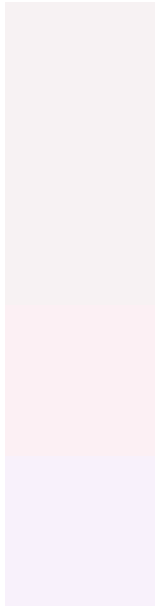
88.4356, 89.5247, 98.2069



Tritanopia

87.9215, 89.4966, 107.2484

Trichromacy



Original Color

86.2876, 89.7495, 97.5696

Protanomaly

86.2876, 89.7495, 97.5696

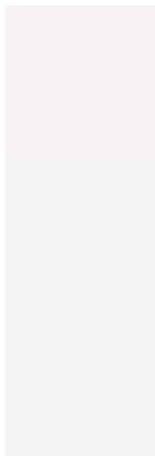
Deuteranomaly

87.6341, 89.5473, 98.2535

Tritanomaly

87.5793, 89.8321, 103.9902

Monochromacy



Original Color

86.2876, 89.7495, 97.5696

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.0359, 90.0453, 98.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2876, 89.7495, 97.5696 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(247, 242, 243) looks like.

```
.text, #text, p{  
    color:rgb(247, 242, 243)  
}
```

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(247, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 242, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.2876, 89.7495, 97.5696 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(247, 242, 243) }
```


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

```
.border{ border-color:rgb(247, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 242,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2876, 89.7495, 97.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 242, 243) }
```

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

```
.background{ background-color: rgb(247,  
242, 243) }
```

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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