

Converting Colors

XYZ(89.2581, 89.9850, 92.8730)

Have a look what the booklet for
XYZ(89.2581, 89.9850, 92.8730)
contains.

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Color

**XYZ(87.3926, 89.1074,
92.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFED
RGB	255, 239, 237
RGB Percent	100%, 94%, 93%
CMY	0.0000, 0.0627, 0.0706
CMYK	0.00, 0.06, 0.07, 0.00
HSL	7°, 100%, 96%
HSV	7°, 7%, 100%
XYZ	87.3926, 89.1074, 92.7141
YIQ	243.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 239, 237
Decimal	16773101
CIE Lab	95.63, 5.06, 2.89
CIE LCh	96, 5.826, 29.766
Yxy	89.1074, 0.3246, 0.3310
Android (android.graphics.Color)	4294963181 (0xFFFEFED)
YUV	243.5560, -3.2321, 10.0364
Hunter-Lab	94.3967, 0.0613, 7.8445

Details

The XYZ color **87.3926, 89.1074, 92.7141** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0995, 95.4726, 108.3925**, and the grayscale version is **85.6555, 90.1162, 98.1366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5627, 49.2089, 50.6548** is the 20% darker color. If you saturate the color by 10%, you get **77.7054, 75.2774, 72.3927**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

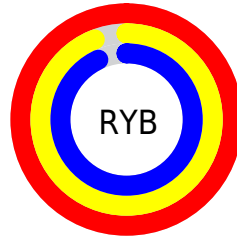
Distribution



Red (100%)

Green (94%)

Blue (93%)



Red (100%)

Yellow (94%)

Blue (93%)



Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3926, 89.1074, 92.7141 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 87.3926, 89.1074, 92.7141 by changing the saturation by 10% instead.


 87.3926, 89.1074,
92.7141

 87.3926, 89.1074,
92.7141

507.8773,
525.1230, 557.6170

 66.1493, 67.2406,
69.6476


142.6081,
146.0979, 153.0710

 48.6617, 49.2802,
50.7642


177.3110,
181.9904, 191.1985

 34.5647, 34.8418,
35.6456

217.2310,
223.3268, 235.1833

 23.4927, 23.5410,
23.8731

262.7337,
270.4917, 285.4440

 15.0804, 14.9935,
15.0282

314.1843,
323.8693, 342.3992

 8.9625, 8.8148,
8.6923

371.9482,

 4.7737, 4.6206,

383.8442, 406.4674

4.4470

436.3908,
450.8006, 478.0672

■ 2.1485, 2.0264,
1.8736

■ 0.7154, 0.6228,
0.4759

■ 87.3926, 89.1074,
92.7141

■ 87.3926, 89.1074,
92.7141

■ 77.7054, 75.2774,
72.3927

95.0500, 100.0000,
108.9000

■ 69.3249, 63.2489,
55.0097

■ 62.1968, 52.9510,
40.4307

■ 56.2605, 44.3037,
28.5085

■ 51.4505, 37.2212,
19.0827

■ 47.6949, 31.6094,
11.9753

■ 44.9134, 27.3643,
6.9849

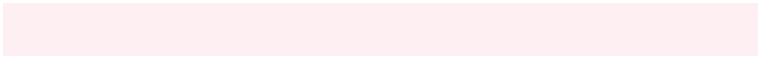
■ 43.0137, 24.3681,
3.8754

■ 41.8840, 22.4822,
2.3474

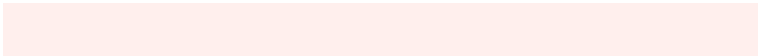
Harmonies

Analogous

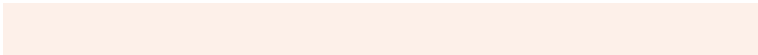
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8077, 89.1074, 97.0588



87.3926, 89.1074, 92.7141



86.2525, 89.1074, 89.6080

Triad

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



87.3926, 89.1074, 92.7141



82.0637, 89.1074, 92.6536



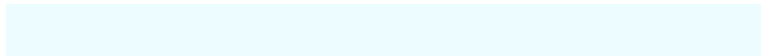
84.6813, 89.1074, 106.1028

Complementary

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



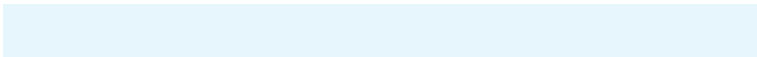
87.3926, 89.1074, 92.7141



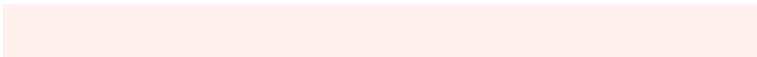
88.0995, 95.4726, 108.3925

Split Complementary

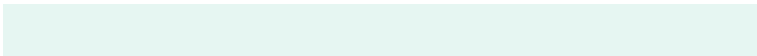
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1543, 89.1074, 104.8358



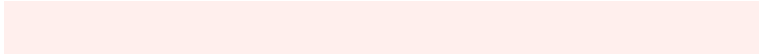
87.3926, 89.1074, 92.7141



81.6546, 89.1074, 96.9868

Square

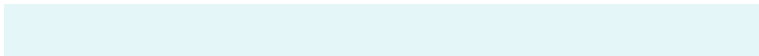
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3926, 89.1074, 92.7141



83.1758, 89.1074, 89.5738



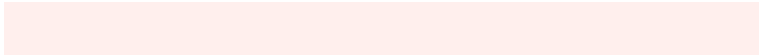
82.0514, 89.1074, 101.4630



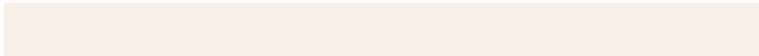
86.2304, 89.1074, 104.8737

Rectangle

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



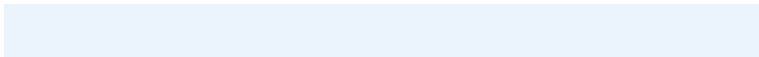
87.3926, 89.1074, 92.7141



85.2417, 89.1074, 88.6081



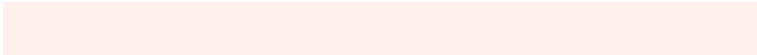
82.0514, 89.1074, 101.4630



84.1485, 89.1074, 105.9541

Sweetspot

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



87.3946, 89.1110, 92.7160



92.8108, 96.8183, 104.1564



89.2862, 88.9339, 105.5559



19.8888, 20.7564, 22.3434



0.0000, 0.0000, 0.0000



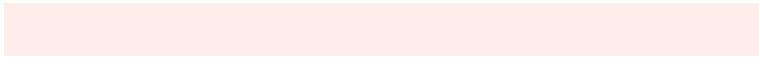
20.3446, 21.4041, 23.3091

Same Dimension

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



87.3946, 89.1110, 92.7160



86.4247, 87.7292, 90.6730



90.0324, 94.3868, 93.5953



18.1722, 18.3125, 18.7212



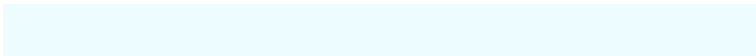
21.8225, 11.6561, 1.0997



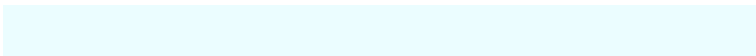
2.1752, 1.2357, 0.1239

Inverse Universe

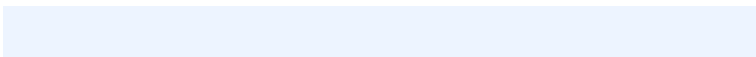
The Inverse Universe completely reimagines the original color for something new.



88.0995, 95.4726, 108.3925



87.2186, 94.8932, 108.3271



85.3868, 90.0472, 107.4882



18.3719, 20.1155, 23.1643



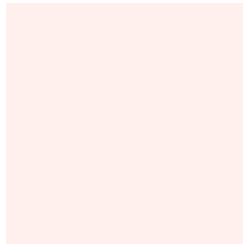
23.7973, 32.5041, 54.4543



2.3642, 3.2592, 5.3177

Previews

White Background



This preview shows how the XYZ color 87.3926, 89.1074, 92.7141 looks on a white background.

Color Contrast Check

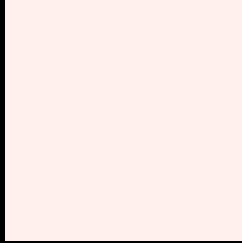
Large Text (above 18pt) WCAG AA × Fail

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 87.3926, 89.1074, 92.7141 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

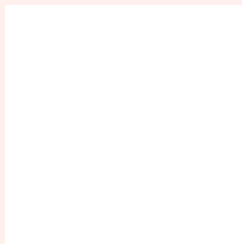
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.3926, 89.1074, 92.7141

Background



This preview shows how black text looks on a background with the XYZ color 87.3926, 89.1074, 92.7141.

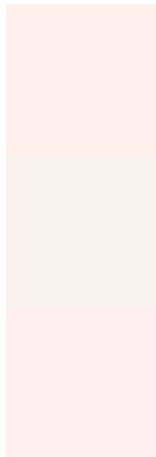


This preview shows how white text looks on a background with the XYZ color 87.3926, 89.1074,

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

87.3926, 89.1074, 92.7141

Protanopia

85.5993, 89.0401, 93.5638

Deuteranopia

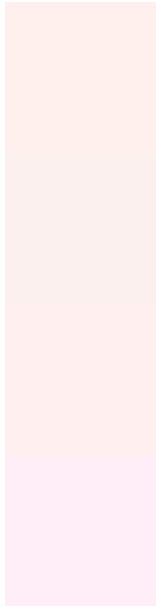
87.8347, 89.2843, 95.0423



Tritanopia

89.2538, 88.9202, 105.3876

Trichromacy



Original Color

87.3926, 89.1074, 92.7141

Protanomaly

86.3764, 89.0025, 93.5156

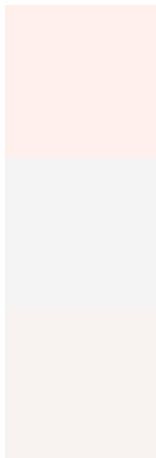
Deuteranomaly

87.6865, 89.2250, 94.2619

Tritanomaly

88.6030, 89.1245, 100.5285

Monochromacy



Original Color

87.3926, 89.1074, 92.7141

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.3407, 89.8116, 96.0038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3926, 89.1074, 92.7141 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(255, 239, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 237)  
}
```

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(255, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 237) }
```

Border

The CSS property to change the border of an element to XYZ 87.3926, 89.1074, 92.7141 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(255, 239, 237) }
```


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

```
.border{ border-color:rgb(255, 239, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3926, 89.1074, 92.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 237) }
```

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

```
.background{ background-color: rgb(255,  
239, 237) }
```

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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