

Converting Colors

XYZ(86.1709, 89.7732, 92.9665)

Have a look what the booklet for
XYZ(86.1709, 89.7732, 92.9665)
contains.

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Color

**XYZ(86.1051, 89.7584,
92.9076)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F2ED
RGB	249, 242, 237
RGB Percent	98%, 95%, 93%
CMY	0.0235, 0.0510, 0.0706
CMYK	0.00, 0.03, 0.05, 0.02
HSL	25°, 50%, 95%
HSV	25°, 5%, 98%
XYZ	86.1051, 89.7584, 92.9076
YIQ	243.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

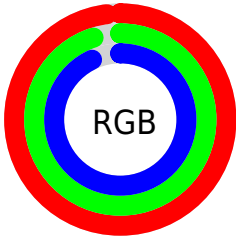
Format	Color
R_{YB}	249, 246, 237
Decimal	16380653
CIE Lab	95.90, 1.49, 3.23
CIE LCh	96, 3.555, 65.241
Yxy	89.7584, 0.3204, 0.3340
Android (android.graphics.Color)	4294570733 (0xFF9F2ED)
YUV	243.5230, -3.2158, 4.8033
Hunter-Lab	94.7409, -3.5672, 8.1759

Details

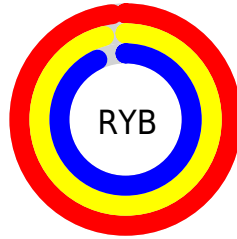
The XYZ color **86.1051, 89.7584, 92.9076** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3745, 89.5441, 102.4604**, and the grayscale version is **85.6318, 90.0914, 98.1095**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8917, 49.7915, 50.8026** is the 20% darker color. If you saturate the color by 10%, you get **78.5672, 80.1051, 73.6754**, and if you desaturate by 10%, it is **92.8774, 98.8800, 108.7983**.

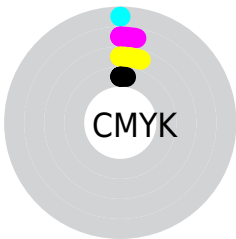
Distribution



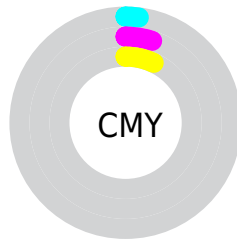
- Red (98%)
- Green (95%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1051, 89.7584, 92.9076 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 86.1051, 89.7584, 92.9076 by changing the saturation by 10% instead.

 86.1051, 89.7584,
92.9076

 86.1051, 89.7584,
92.9076


503.7065,
527.2446, 558.2568

 65.0804, 67.7803,
69.8075


140.8222,
147.0028, 153.3413

 47.7913, 49.7190,
50.8938


175.2454,
183.0378, 191.5119

 33.8722, 35.1902,
35.7479


214.8655,
224.5272, 235.5431

 22.9578, 23.8094,
23.9514

260.0478,
271.8555, 285.8534

 14.6829, 15.1923,
15.0857

311.1576,
325.4070, 342.8614

 8.6820, 8.9545,
8.7323

368.5605,

 4.5898, 4.7115,

385.5661, 406.9856

4.4726

432.6216,
452.7171, 478.6446

■ 2.0409, 2.0790,
1.8880

■ 0.6568, 0.6528,
0.4851

■ 86.1051, 89.7584,
92.9076

■ 86.1051, 89.7584,
92.9076

■ 78.5672, 80.1051,
73.6754

■ 92.8774, 98.8800,
108.7983

■ 71.8463, 71.3119,
57.1047

■ 65.9147, 63.3572,
43.0781

■ 60.7400, 56.2145,
31.4672

■ 56.2874, 49.8557,
22.1323

■ 52.5187, 44.2507,
14.9193

■ 49.3920, 39.3670,
9.6542

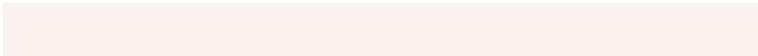
■ 46.8593, 35.1691,
6.1355

■ 44.8634, 31.6168,
4.1155

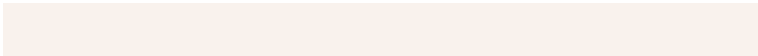
Harmonies

Analogous

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



86.8626, 89.7584, 94.6475



86.1051, 89.7584, 92.9076



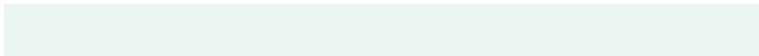
85.1405, 89.7584, 92.4501

Triad

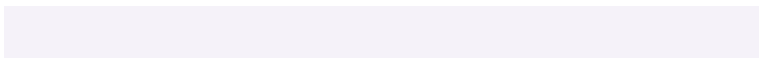
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1051, 89.7584, 92.9076



83.4480, 89.7584, 98.2259



86.4057, 89.7584, 102.2106

Complementary

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



86.1051, 89.7584, 92.9076



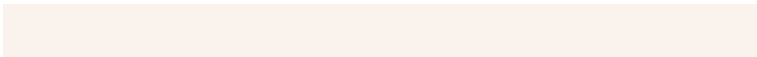
84.3745, 89.5441, 102.4604

Split Complementary

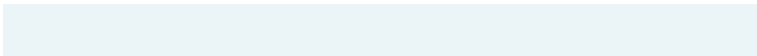
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4851, 89.7584, 103.2106



86.1051, 89.7584, 92.9076



83.7813, 89.7584, 100.8821

Square

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



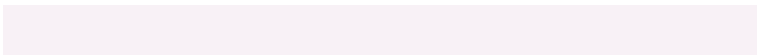
86.1051, 89.7584, 92.9076



83.6112, 89.7584, 95.4866



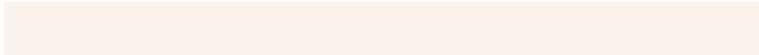
84.5251, 89.7584, 102.7198



87.0371, 89.7584, 100.0116

Rectangle

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



86.1051, 89.7584, 92.9076



84.5108, 89.7584, 92.9262



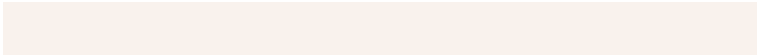
84.5251, 89.7584, 102.7198



86.1196, 89.7584, 102.7000

Sweetspot

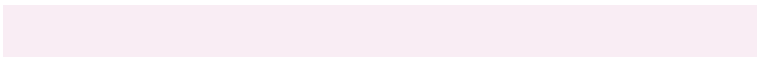
The Sweet Spot groups the original color and five complimentary colors.



86.1076, 89.7623, 92.9095



94.1697, 98.8920, 106.5946



85.6814, 87.2411, 97.9125



20.1655, 21.1787, 22.8399



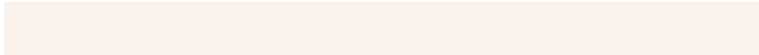
0.0000, 0.0000, 0.0000



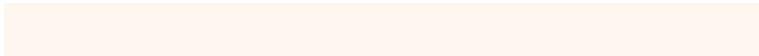
20.3446, 21.4041, 23.3091

Same Dimension

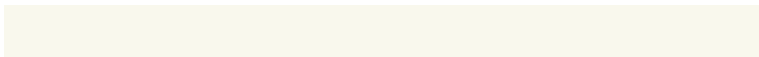
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1076, 89.7623, 92.9095



89.9039, 93.4940, 95.5123



87.9216, 93.3902, 93.5142



18.3130, 19.0191, 19.2910



23.6859, 16.3284, 1.9033



2.2957, 1.7163, 0.2103

Inverse Universe

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



84.3745, 89.5441, 102.4604



87.6416, 93.2091, 107.9797



82.5997, 85.9945, 101.8688



17.8022, 18.9547, 22.1056



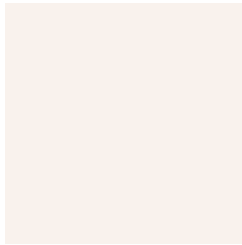
14.7294, 14.8143, 50.0567



1.4689, 1.5814, 4.6710

Previews

White Background



This preview shows how the XYZ color 86.1051, 89.7584, 92.9076 looks on a white background.

Color Contrast Check

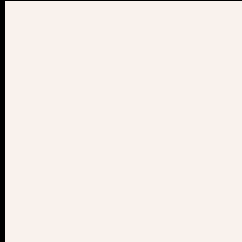
Large Text (above 18pt) WCAG AA × Fail

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 86.1051, 89.7584, 92.9076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

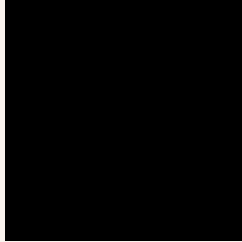
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

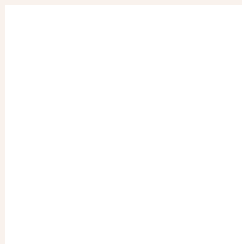
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1051, 89.7584, 92.9076

Background



This preview shows how black text looks on a background with the XYZ color 86.1051, 89.7584, 92.9076.



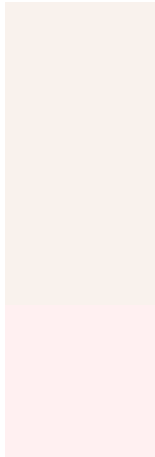
This preview shows how white text looks on a background with the XYZ color 86.1051, 89.7584,

92.976.

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

86.1051, 89.7584, 92.9076

Protanopia

86.1051, 89.7584, 92.9076

Deuteranopia

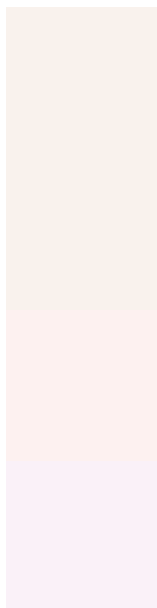
88.2773, 89.9311, 95.9248



Tritanopia

88.6344, 89.8642, 107.2817

Trichromacy



Original Color

86.1051, 89.7584, 92.9076

Protanomaly

86.1051, 89.7584, 92.9076

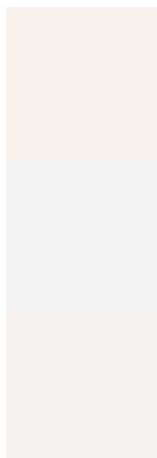
Deuteranomaly

87.6915, 90.0845, 95.2043

Tritanomaly

87.8229, 90.0119, 101.5522

Monochromacy



Original Color

86.1051, 89.7584, 92.9076

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9338, 90.0449, 96.0703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1051, 89.7584, 92.9076 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, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 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(249, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.1051, 89.7584, 92.9076 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, 242, 237) }
```


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

```
.border{ border-color:rgb(249, 242, 237) }
```

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

Here you see how a box with a 4 pixel rgb(249, 242, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1051, 89.7584, 92.9076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 237) }
```

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

```
.background{ background-color: rgb(249,  
242, 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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