

Converting Colors

XYZ(82.1585, 86.1128, 88.9193)

Have a look what the booklet for
XYZ(82.1585, 86.1128, 88.9193)
contains.

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Color

**XYZ(82.1022, 86.0300,
88.6221)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EEE8
RGB	243, 238, 232
RGB Percent	95%, 93%, 91%
CMY	0.0471, 0.0666, 0.0902
CMYK	0.00, 0.02, 0.05, 0.05
HSL	33°, 31%, 93%
HSV	33°, 5%, 95%
XYZ	82.1022, 86.0300, 88.6221
YIQ	238.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

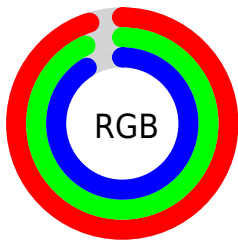
Format	Color
R _Y B	241, 243, 232
Decimal	15986408
CIE Lab	94.33, 0.65, 3.48
CIE LCh	94, 3.541, 79.501
Yxy	86.0300, 0.3198, 0.3351
Android (android.graphics.Color)	4294176488 (0xFFFF3EEE8)
YUV	238.8110, -3.3578, 3.6738
Hunter-Lab	92.7524, -4.3126, 8.2768

Details

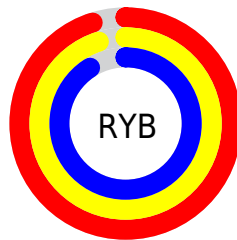
The XYZ color **82.1022, 86.0300, 88.6221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.7405, 84.1939, 96.8434**, and the grayscale version is **81.9218, 86.1881, 93.8589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0579, 47.1553, 47.8014** is the 20% darker color. If you saturate the color by 10%, you get **75.7720, 78.5161, 70.6437**, and if you desaturate by 10%, it is **88.9012, 94.0521, 108.0760**.

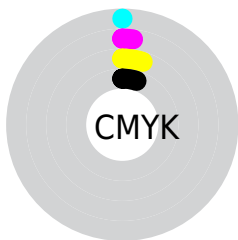
Distribution



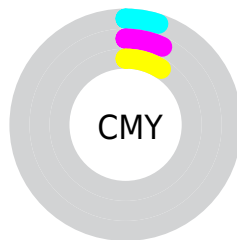
- Red (95%)
- Green (93%)
- Blue (91%)



- Red (95%)
- Yellow (95%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1022, 86.0300, 88.6221 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 82.1022, 86.0300, 88.6221 by changing the saturation by 10% instead.

82.1022, 86.0300,
88.6221

82.1022, 86.0300,
88.6221

490.6188,
515.0301, 543.9923

61.7642, 64.6928,
66.2711

135.2524,
141.8114, 147.3417

45.0971, 47.2120,
48.0347

168.7953,
177.0243, 184.5474

31.7355, 33.2033,
33.4942

207.4705,
217.6312, 227.5417

21.3141, 22.2822,
22.2311

251.6433,
264.0166, 276.7433

13.4676, 14.0644,
13.8268

301.6793,
316.5648, 332.5706

7.8305, 8.1655,
7.8630

357.9436,

4.0376, 4.2010,

375.6602, 395.4422

3.9209

420.8016,
441.6871, 465.7766

■ 1.7234, 1.7866,
1.5820

■ 0.4709, 0.4788,
0.2779

■ 82.1022, 86.0300,
88.6221

■ 82.1022, 86.0300,
88.6221

■ 75.7720, 78.5161,
70.6437

■ 88.9012, 94.0521,
108.0760

■ 70.0908, 71.5686,
55.1390

■ 90.7726, 97.7949,
108.6998

■ 65.0365, 65.1757,
41.9994

■ 60.5830, 59.3211,
31.1054

■ 56.7023, 53.9873,
22.3273

■ 53.3632, 49.1556,
15.5220

■ 50.5315, 44.8059,
10.5283

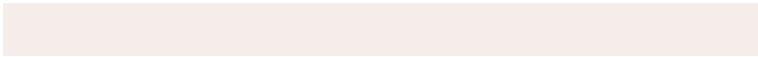
■ 48.1677, 40.9156,
7.1589

■ 46.2241, 37.4585,
5.1849

Harmonies

Analogous

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



82.9609, 86.0300, 89.7503



82.1022, 86.0300, 88.6221



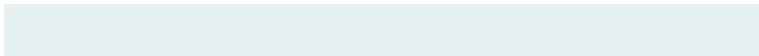
81.1607, 86.0300, 88.8271

Triad

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



82.1022, 86.0300, 88.6221



80.0592, 86.0300, 95.4292



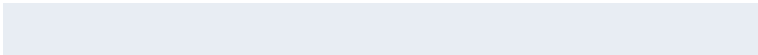
83.1658, 86.0300, 97.1105

Complementary

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



82.1022, 86.0300, 88.6221



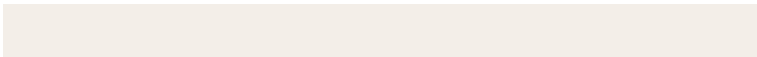
79.7405, 84.1939, 96.8434

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.



82.3802, 86.0300, 98.6901



82.1022, 86.0300, 88.6221



80.5885, 86.0300, 97.7065

Square

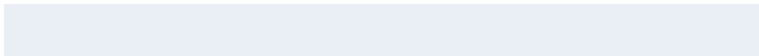
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1022, 86.0300, 88.6221



79.9861, 86.0300, 92.7221



81.4366, 86.0300, 98.9103



83.5781, 86.0300, 94.6284

Rectangle

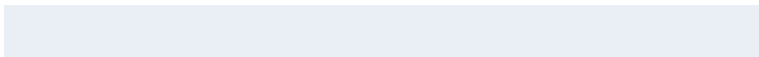
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



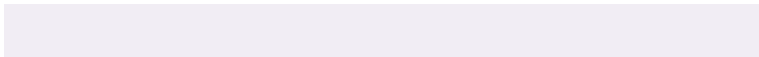
82.1022, 86.0300, 88.6221



80.6126, 86.0300, 89.6934



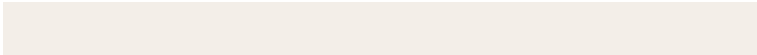
81.4366, 86.0300, 98.9103



82.9363, 86.0300, 97.7666

Sweetspot

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



82.1046, 86.0337, 88.6240



94.2738, 99.1002, 106.6293



81.1255, 82.8914, 91.9480



20.1867, 21.2210, 22.8470



0.0000, 0.0000, 0.0000



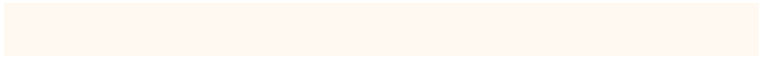
20.3446, 21.4041, 23.3091

Same Dimension

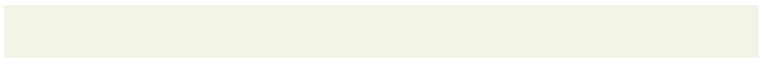
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1046, 86.0337, 88.6240



91.2451, 95.5669, 97.8385



83.4529, 88.9181, 89.1096



17.7851, 18.6150, 18.8922



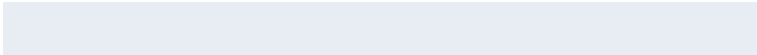
24.9994, 19.8843, 2.5204



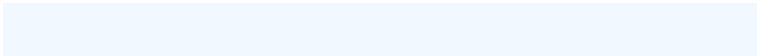
2.2999, 1.9529, 0.2557

Inverse Universe

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



79.7405, 84.1939, 96.8434



88.3336, 93.3011, 107.9610



78.4334, 81.4028, 96.3735



17.1399, 18.1129, 21.1353



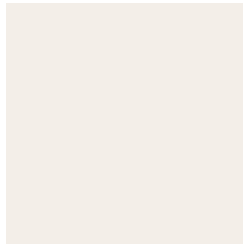
12.0912, 9.9762, 47.8264



1.1640, 1.0794, 4.2372

Previews

White Background



This preview shows how the XYZ color 82.1022, 86.0300, 88.6221 looks on a white background.

Color Contrast Check

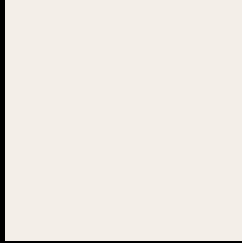
Large Text (above 18pt) WCAG AA × Fail

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 82.1022, 86.0300, 88.6221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

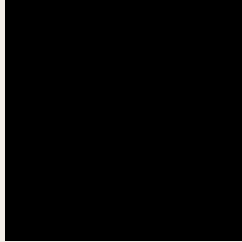
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

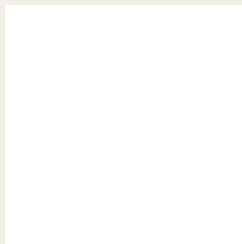
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1022, 86.0300, 88.6221

Background



This preview shows how black text looks on a background with the XYZ color 82.1022, 86.0300, 88.6221.



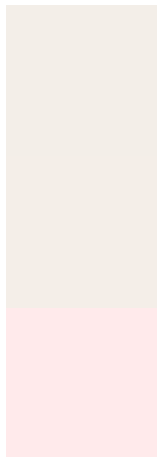
This preview shows how white text looks on a background with the XYZ color 82.1022, 86.0300,

88.6221.

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

82.1022, 86.0300, 88.6221

Protanopia

82.4483, 86.2084, 88.6383

Deuteranopia

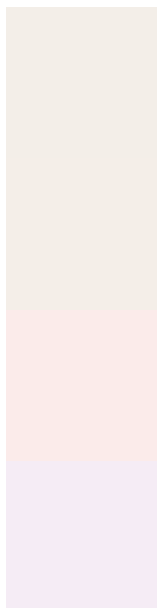
85.6582, 86.1038, 90.7023



Tritanopia

85.4440, 86.1013, 105.0443

Trichromacy



Original Color

82.1022, 86.0300, 88.6221

Protanomaly

82.4483, 86.2084, 88.6383

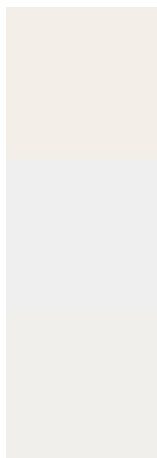
Deuteranomaly

84.3433, 85.8664, 89.9704

Tritanomaly

84.1331, 85.9960, 98.5508

Monochromacy



Original Color

82.1022, 86.0300, 88.6221

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.9420, 86.3144, 91.6984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1022, 86.0300, 88.6221 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(243, 238, 232) looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 232)  
}
```

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(243, 238, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 232) }
```

Border

The CSS property to change the border of an element to XYZ 82.1022, 86.0300, 88.6221 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(243, 238, 232) }
```


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

```
.border{ border-color:rgb(243, 238, 232) }
```

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

Here you see how a box with a 4 pixel rgb(243, 238, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1022, 86.0300, 88.6221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 232) }
```

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

```
.background{ background-color: rgb(243,  
238, 232) }
```

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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