

Converting Colors

XYZ(82.9202, 87.6221, 84.8359)

Have a look what the booklet for
XYZ(82.9202, 87.6221, 84.8359)
contains.

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Color

**XYZ(82.5437, 87.2236,
84.4368)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F0E2
RGB	245, 240, 226
RGB Percent	96%, 94%, 89%
CMY	0.0392, 0.0588, 0.1137
CMYK	0.00, 0.02, 0.08, 0.04
HSL	44°, 49%, 92%
HSV	44°, 8%, 96%
XYZ	82.5437, 87.2236, 84.4368
YIQ	239.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

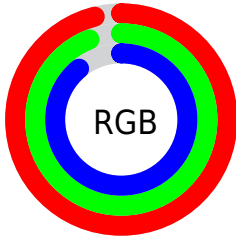
Format	Color
R _Y B	233, 245, 226
Decimal	16117986
CIE Lab	94.83, -0.69, 7.34
CIE LCh	95, 7.377, 95.382
Yxy	87.2236, 0.3247, 0.3431
Android (android.graphics.Color)	4294308066 (0xFF5F0E2)
YUV	239.8990, -6.8522, 4.4736
Hunter-Lab	93.3936, -5.6758, 11.7716

Details

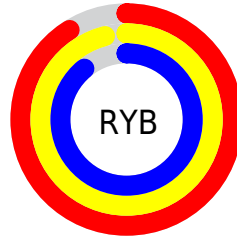
The XYZ color **82.5437, 87.2236, 84.4368** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4212, 79.9118, 97.7838**, and the grayscale version is **82.7953, 87.1071, 94.8596**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4774, 48.0401, 45.4038** is the 20% darker color. If you saturate the color by 10%, you get **77.5573, 82.2513, 67.3566**, and if you desaturate by 10%, it is **88.0827, 92.5303, 104.0733**.

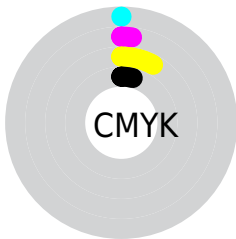
Distribution



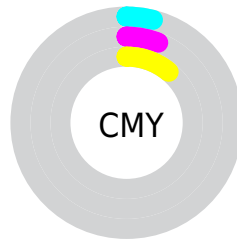
- Red (96%)
- Green (94%)
- Blue (89%)



- Red (91%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5437, 87.2236, 84.4368 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 82.5437, 87.2236, 84.4368 by changing the saturation by 10% instead.

82.5437, 87.2236,
84.4368

82.5437, 87.2236,
84.4368

492.0715,
518.9573, 529.8585

62.1294, 65.6803,
62.8287

135.8680,
143.4758, 141.4532

45.3933, 48.0129,
45.2625

169.5088,
178.9534, 177.6985

31.9699, 33.8371,
31.3198

208.2892,
219.8445, 219.6600

21.4940, 22.7685,
20.5820

252.5744,
266.5336, 267.7562

13.6001, 14.4226,
12.6305

302.7299,
319.4051, 322.4056

7.9229, 8.4152,
7.0469

359.1210,

4.0970, 4.3618,

378.8432, 384.0267

3.4126

422.1131,
445.2325, 453.0382

■ 1.7572, 1.8779,
1.3090

■ 0.4917, 0.5350,
0.0691

■ 82.5437, 87.2236,
84.4368

■ 82.5437, 87.2236,
84.4368

■ 77.5573, 82.2513,
67.3566

■ 88.0827, 92.5303,
104.0733

■ 73.0953, 77.5925,
52.7201

■ 90.7968, 96.8130,
108.5090

■ 69.1377, 73.2410,
40.4145

■ 91.4666, 98.1527,
108.7323

■ 65.6603, 69.1860,
30.3161

■ 62.6368, 65.4157,
22.2894

■ 60.0379, 61.9173,
16.1842

■ 57.8305, 58.6762,
11.8297

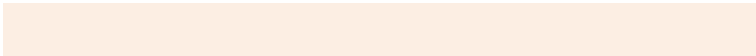
■ 55.9757, 55.6759,
9.0246

■ 54.4214, 52.8941,
7.4992

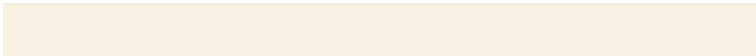
Harmonies

Analogous

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



84.5135, 87.2236, 85.3194



82.5437, 87.2236, 84.4368



80.6995, 87.2236, 86.2835

Triad

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



82.5437, 87.2236, 84.4368



79.8115, 87.2236, 101.4837



86.4441, 87.2236, 99.6274

Complementary

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



82.5437, 87.2236, 84.4368



76.4212, 79.9118, 97.7838

Split Complementary

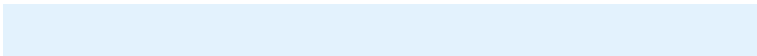
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1471, 87.2236, 104.2243



82.5437, 87.2236, 84.4368



81.3139, 87.2236, 105.3258

Square

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



82.5437, 87.2236, 84.4368



79.1384, 87.2236, 96.0071



83.2642, 87.2236, 106.3483



86.7860, 87.2236, 93.9437

Rectangle

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



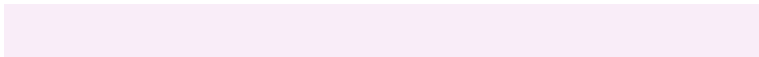
82.5437, 87.2236, 84.4368



79.7828, 87.2236, 88.8593



83.2642, 87.2236, 106.3483



86.1043, 87.2236, 101.3581

Sweetspot

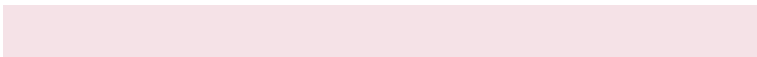
The Sweet Spot groups the original color and five complimentary colors.



82.5461, 87.2274, 84.4387



93.8134, 98.8233, 104.4906



79.2869, 79.5797, 86.8334



20.0929, 21.1647, 22.4115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

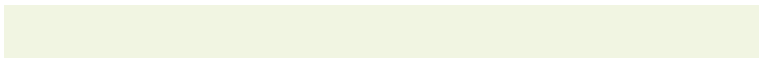
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5461, 87.2274, 84.4387



89.6778, 94.8194, 89.9566



82.5087, 89.4214, 84.8641



17.5245, 18.5331, 17.4512



29.2615, 28.4085, 3.9411



2.6552, 2.6637, 0.3742

Inverse Universe

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



76.4212, 79.9118, 97.7838



81.9439, 85.5821, 106.8078



76.4513, 77.8813, 97.3903



15.9354, 16.6351, 20.9136



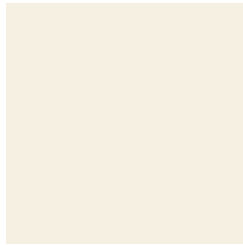
9.9748, 5.7433, 47.1209



0.9572, 0.6658, 4.1683

Previews

White Background



This preview shows how the XYZ color 82.5437, 87.2236, 84.4368 looks on a white background.

Color Contrast Check

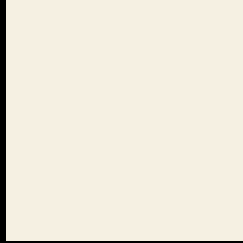
Large Text (above 18pt) WCAG AA × Fail

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 82.5437, 87.2236, 84.4368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

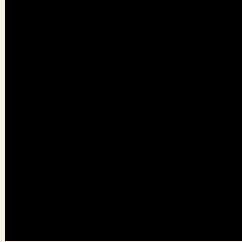
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

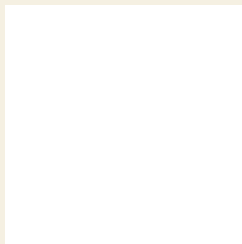
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5437, 87.2236, 84.4368

Background



This preview shows how black text looks on a background with the XYZ color 82.5437, 87.2236, 84.4368.



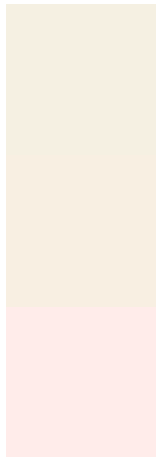
This preview shows how white text looks on a background with the XYZ color 82.5437, 87.2236,

84.4368.

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

82.5437, 87.2236, 84.4368

Protanopia

83.3054, 87.1804, 84.3884

Deuteranopia

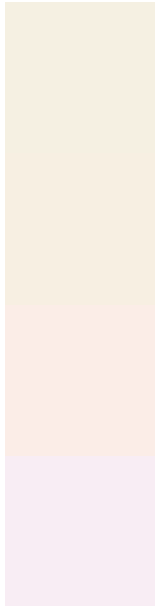
86.0867, 87.1914, 90.1343



Tritanopia

86.9518, 87.2864, 106.0310

Trichromacy



Original Color

82.5437, 87.2236, 84.4368

Protanomaly

82.9517, 86.9981, 84.3718

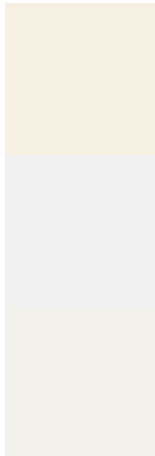
Deuteranomaly

84.4917, 86.8471, 87.9113

Tritanomaly

85.3247, 87.0565, 97.8944

Monochromacy



Original Color

82.5437, 87.2236, 84.4368

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.7734, 87.1956, 91.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5437, 87.2236, 84.4368 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(245, 240, 226) looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 226)  
}
```

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(245, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 226) }
```

Border

The CSS property to change the border of an element to XYZ 82.5437, 87.2236, 84.4368 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(245, 240, 226) }
```


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

```
.border{ border-color:rgb(245, 240, 226) }
```

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

Here you see how a box with a 4 pixel rgb(245, 240, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 226);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5437, 87.2236, 84.4368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 226) }
```

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

```
.background{ background-color: rgb(245,  
240, 226) }
```

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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