

Converting Colors

XYZ(82.1921, 86.1785, 81.8423)

Have a look what the booklet for
XYZ(82.1921, 86.1785, 81.8423)
contains.

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Color

**XYZ(82.2516, 86.2509,
82.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EEDF
RGB	247, 238, 223
RGB Percent	97%, 93%, 87%
CMY	0.0314, 0.0666, 0.1255
CMYK	0.00, 0.04, 0.10, 0.03
HSL	38°, 60%, 92%
HSV	38°, 10%, 97%
XYZ	82.2516, 86.2509, 82.1250
YIQ	238.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

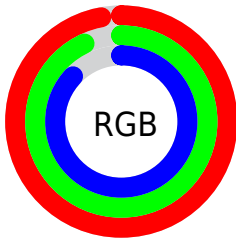
Format	Color
R _Y B	237, 247, 223
Decimal	16248543
CIE Lab	94.42, 0.53, 8.32
CIE LCh	94, 8.341, 86.376
Yxy	86.2509, 0.3282, 0.3441
Android (android.graphics.Color)	4294438623 (0xFFFF7EEDF)
YUV	238.9810, -7.8786, 7.0327
Hunter-Lab	92.8714, -4.4362, 12.5805

Details

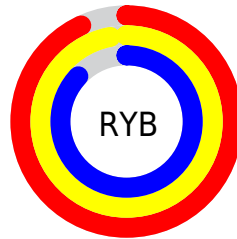
The XYZ color **82.2516, 86.2509, 82.1250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0765, 80.1153, 99.4508**, and the grayscale version is **82.0851, 86.3600, 94.0460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2817, 47.3594, 43.8005** is the 20% darker color. If you saturate the color by 10%, you get **76.5357, 79.7648, 64.9710**, and if you desaturate by 10%, it is **88.5968, 93.2162, 101.8876**.

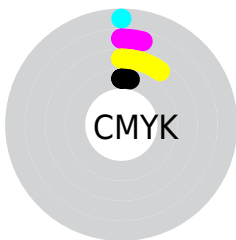
Distribution



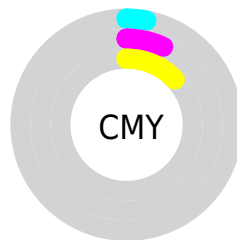
- Red (97%)
- Green (93%)
- Blue (87%)



- Red (93%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2516, 86.2509, 82.1250 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 82.2516, 86.2509, 82.1250 by changing the saturation by 10% instead.

82.2516, 86.2509,
82.1250

82.2516, 86.2509,
82.1250

491.1106,
515.7582, 521.9601

61.8878, 64.8755,
60.9322

135.4608,
142.1196, 138.1875

45.1973, 47.3601,
43.7402

169.0368,
177.3816, 173.8943

31.8148, 33.3204,
30.1306

207.7476,
218.0412, 215.2761

21.3749, 22.3720,
19.6849

251.9585,
264.4830, 262.7516

13.5124, 14.1305,
11.9844

302.0349,
317.0911, 316.7392

7.8617, 8.2115,
6.6106

358.3422,

4.0576, 4.2306,

376.2501, 377.6574

3.1451

421.2456,
442.3443, 445.9249

■ 1.7348, 1.8034,
1.1692

■ 0.4779, 0.4893,
0.0000

■ 82.2516, 86.2509,
82.1250

■ 82.2516, 86.2509,
82.1250

■ 76.5357, 79.7648,
64.9710

■ 88.5968, 93.2162,
101.8876

■ 71.4189, 73.7339,
50.3089

■ 92.1682, 98.5144,
108.7651

■ 66.8791, 68.1490,
38.0217

■ 62.8896, 62.9959,
27.9804

■ 59.4217, 58.2596,
20.0437

■ 56.4433, 53.9235,
14.0544

■ 53.9181, 49.9695,
9.8323

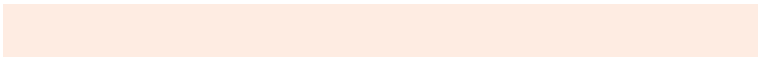
■ 51.8032, 46.3766,
7.1638

■ 50.0309, 43.1137,
5.7050

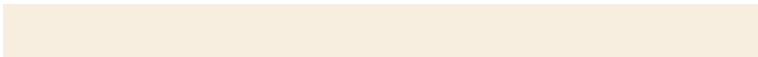
Harmonies

Analogous

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



84.3886, 86.2509, 84.0051



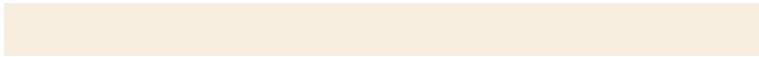
82.2516, 86.2509, 82.1250



80.0791, 86.2509, 83.2829

Triad

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



82.2516, 86.2509, 82.1250



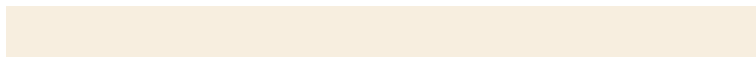
78.1780, 86.2509, 99.5035



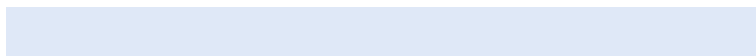
85.6203, 86.2509, 100.9145

Complementary

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



82.2516, 86.2509, 82.1250



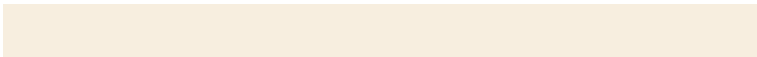
76.0765, 80.1153, 99.4508

Split Complementary

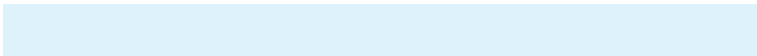
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9085, 86.2509, 105.4103



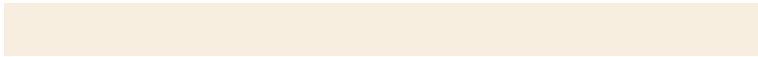
82.2516, 86.2509, 82.1250



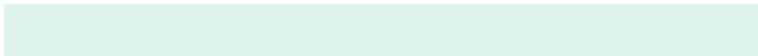
79.6155, 86.2509, 104.5700

Square

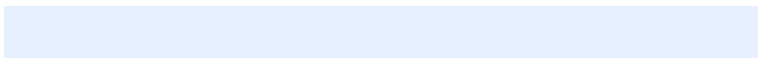
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2516, 86.2509, 82.1250



77.7525, 86.2509, 93.1346



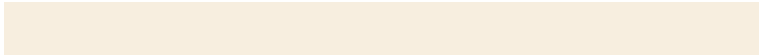
81.7068, 86.2509, 106.7773



86.3558, 86.2509, 94.6949

Rectangle

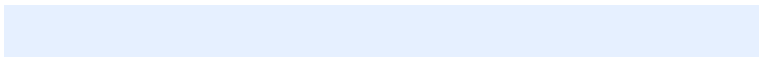
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2516, 86.2509, 82.1250



78.8985, 86.2509, 85.6517



81.7068, 86.2509, 106.7773



85.1384, 86.2509, 102.6882

Sweetspot

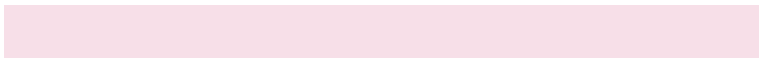
The Sweet Spot groups the original color and five complimentary colors.



82.2540, 86.2547, 82.1269



92.9347, 97.7012, 102.2392



79.3405, 78.3883, 87.4429



19.7731, 20.7823, 21.5118



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

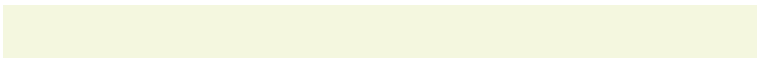
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2540, 86.2547, 82.1269



86.9585, 91.0828, 83.8033



83.9588, 91.1192, 82.9759



17.3623, 18.2088, 17.3971



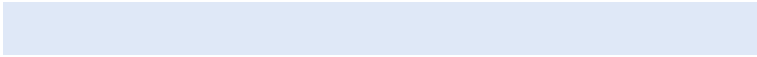
26.5753, 23.0361, 3.0457



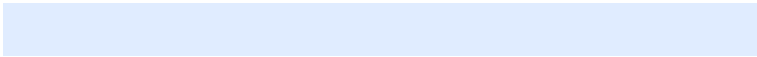
2.4342, 2.2217, 0.3005

Inverse Universe

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



76.0765, 80.1153, 99.4508



78.8724, 83.0470, 106.4804



74.4787, 75.6285, 98.6690



16.0900, 16.9444, 20.9651



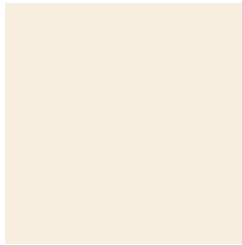
11.0548, 7.9034, 47.4809



1.0669, 0.8853, 4.2049

Previews

White Background



This preview shows how the XYZ color 82.2516, 86.2509, 82.1250 looks on a white background.

Color Contrast Check

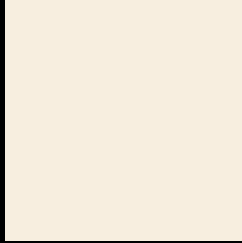
Large Text (above 18pt) WCAG AA × Fail

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 82.2516, 86.2509, 82.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

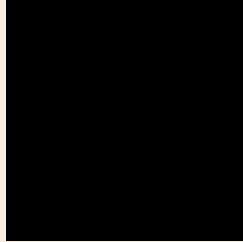
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2516, 86.2509, 82.1250

Background



This preview shows how black text looks on a background with the XYZ color 82.2516, 86.2509, 82.1250.



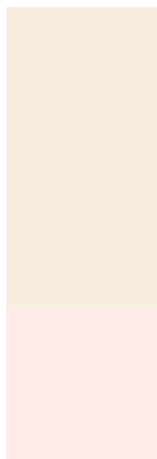
This preview shows how white text looks on a background with the XYZ color 82.2516, 86.2509, 82.1250.

82.1250.

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

82.2516, 86.2509, 82.1250

Protanopia

82.2516, 86.2509, 82.1250

Deuteranopia

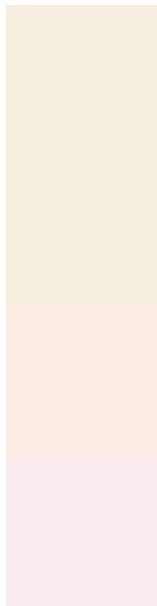
85.3721, 86.4462, 87.7875



Tritanopia

86.7772, 86.3831, 104.1954

Trichromacy



Original Color

82.2516, 86.2509, 82.1250

Protanomaly

82.2516, 86.2509, 82.1250

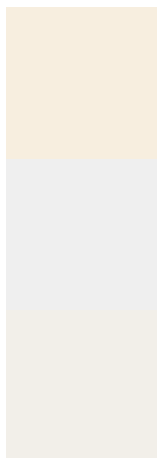
Deuteranomaly

84.1439, 86.2878, 85.6191

Tritanomaly

85.0099, 86.0915, 95.3559

Monochromacy



Original Color

82.2516, 86.2509, 82.1250

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.1924, 86.4934, 89.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2516, 86.2509, 82.1250 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, 238, 223) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 223)  
}
```

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, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 223) }
```

Border

The CSS property to change the border of an element to XYZ 82.2516, 86.2509, 82.1250 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, 238, 223) }
```


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

```
.border{ border-color:rgb(247, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2516, 86.2509, 82.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 223) }
```

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

```
.background{ background-color: rgb(247,  
238, 223) }
```

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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