

Converting Colors

XYZ(81.4940, 86.2938, 82.1732)

Have a look what the booklet for
XYZ(81.4940, 86.2938, 82.1732)
contains.

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Color

**XYZ(81.4940, 86.2938,
82.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EFDf
RGB	244, 239, 223
RGB Percent	96%, 94%, 87%
CMY	0.0431, 0.0627, 0.1255
CMYK	0.00, 0.02, 0.09, 0.04
HSL	46°, 49%, 92%
HSV	46°, 9%, 96%
XYZ	81.4940, 86.2938, 82.1732
YIQ	238.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

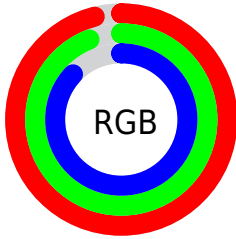
Format	Color
R _Y B	230, 244, 223
Decimal	16052191
CIE Lab	94.44, -1.02, 8.32
CIE LCh	94, 8.382, 96.984
Yxy	86.2938, 0.3260, 0.3452
Android (android.graphics.Color)	4294242271 (0xFF4E4E4E)
YUV	238.6710, -7.7258, 4.6735
Hunter-Lab	92.8945, -5.9717, 12.5790

Details

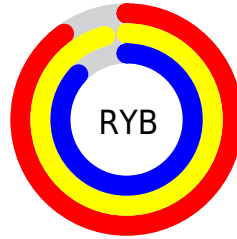
The XYZ color **81.4940, 86.2938, 82.1732** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5038, 77.7051, 96.6607**, and the grayscale version is **81.8440, 86.1063, 93.7698**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7404, 47.3855, 43.8340** is the 20% darker color. If you saturate the color by 10%, you get **76.7673, 81.7305, 65.5201**, and if you desaturate by 10%, it is **86.7542, 91.1635, 101.3451**.

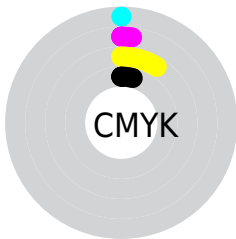
Distribution



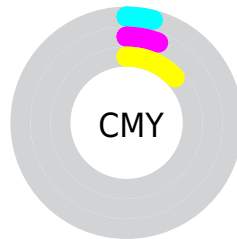
- Red (96%)
- Green (94%)
- Blue (87%)



- Red (90%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4940, 86.2938, 82.1732 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 81.4940, 86.2938, 82.1732 by changing the saturation by 10% instead.

81.4940, 86.2938,
82.1732

81.4940, 86.2938,
82.1732

488.6138,
515.8995, 522.1255

61.2612, 64.9109,
60.9717

134.4037,
142.1794, 138.2557

44.6894, 47.3889,
43.7719

167.8114,
177.4510, 173.9738

31.4130, 33.3432,
30.1553

206.3414,
218.1209, 215.3678

21.0669, 22.3895,
19.7035

250.3590,
264.5735, 262.8562

13.2857, 14.1434,
11.9977

300.2298,
317.1933, 316.8577

7.7039, 8.2204,
6.6196

356.3189,

3.9563, 4.2363,

376.3646, 377.7907

3.1506

418.9918,
442.4719, 446.0738

■ 1.6774, 1.8066,
1.1720

■ 0.4421, 0.4913,
0.0000

■ 81.4940, 86.2938,
82.1732

■ 81.4940, 86.2938,
82.1732

■ 76.7673, 81.7305,
65.5201

■ 86.7542, 91.1635,
101.3451

■ 72.5462, 77.4531,
51.2738

■ 89.7354, 95.2069,
108.2549

■ 68.8111, 73.4557,
39.3220

■ 91.1186, 97.9733,
108.7160

■ 65.5379, 69.7280,
29.5414

■ 62.7005, 66.2587,
21.7968

■ 60.2700, 63.0353,
15.9380

■ 58.2133, 60.0437,
11.7940

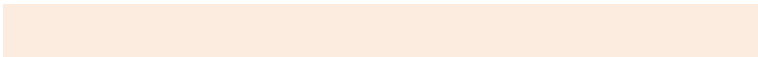
■ 56.4914, 57.2674,
9.1624

■ 55.0485, 54.6832,
7.7512

Harmonies

Analogous

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



83.7254, 86.2938, 82.9951



81.4940, 86.2938, 82.1732



79.4407, 86.2938, 84.3918

Triad

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



81.4940, 86.2938, 82.1732



78.6072, 86.2938, 101.6235



86.0724, 86.2938, 98.8949

Complementary

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



81.4940, 86.2938, 82.1732



74.5038, 77.7051, 96.6607

Split Complementary

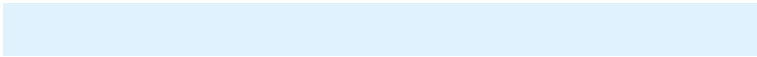
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6539, 86.2938, 104.2239



81.4940, 86.2938, 82.1732



80.3373, 86.2938, 105.8489

Square

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



81.4940, 86.2938, 82.1732



77.7939, 86.2938, 95.4761



82.5476, 86.2938, 106.8217



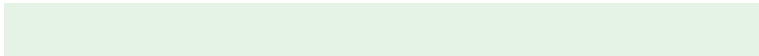
86.3958, 86.2938, 92.4586

Rectangle

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



81.4940, 86.2938, 82.1732



78.4400, 86.2938, 87.3591



82.5476, 86.2938, 106.8217



85.7066, 86.2938, 100.8838

Sweetspot

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



81.4964, 86.2976, 82.1751



93.2648, 98.3615, 102.3492



77.7353, 77.6250, 84.4681



19.8623, 20.9608, 21.5415



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

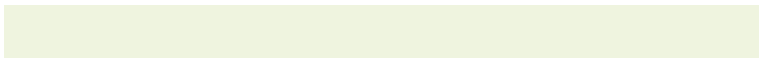
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4964, 86.2976, 82.1751



89.3081, 94.6558, 88.0587



81.1832, 88.3373, 82.5853



17.5611, 18.6063, 17.4634



29.9398, 29.7651, 4.1672



2.7099, 2.7730, 0.3924

Inverse Universe

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



74.5038, 77.7051, 96.6607



80.3935, 83.7016, 106.5266



74.7922, 75.8432, 96.2861



15.9011, 16.5666, 20.9022



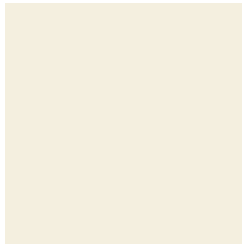
9.7900, 5.3739, 47.0593



0.9368, 0.6249, 4.1615

Previews

White Background



This preview shows how the XYZ color 81.4940, 86.2938, 82.1732 looks on a white background.

Color Contrast Check

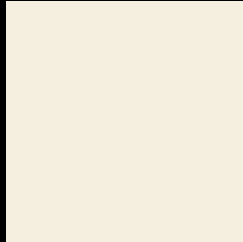
Large Text (above 18pt) WCAG AA × Fail

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 81.4940, 86.2938, 82.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

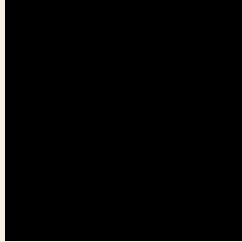
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

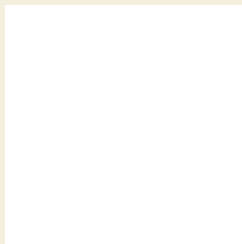
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4940, 86.2938, 82.1732

Background



This preview shows how black text looks on a background with the XYZ color 81.4940, 86.2938, 82.1732.



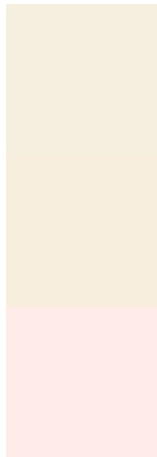
This preview shows how white text looks on a background with the XYZ color 81.4940, 86.2938,

82.1732.

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

81.4940, 86.2938, 82.1732

Protanopia

82.1171, 86.1972, 81.4169

Deuteranopia

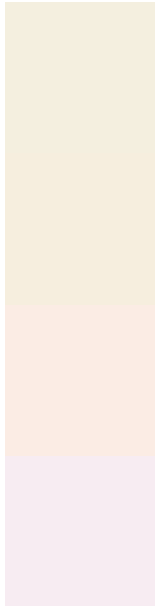
85.3721, 86.4462, 87.7875



Tritanopia

86.1494, 86.4650, 105.0774

Trichromacy



Original Color

81.4940, 86.2938, 82.1732

Protanomaly

81.7654, 86.0158, 81.4005

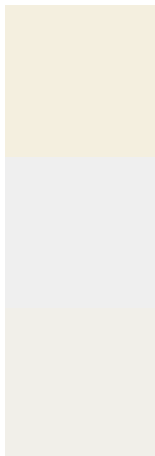
Deuteranomaly

83.7827, 86.1016, 85.6022

Tritanomaly

84.3802, 86.1759, 96.1907

Monochromacy



Original Color

81.4940, 86.2938, 82.1732

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.8501, 86.3170, 89.4377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4940, 86.2938, 82.1732 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(244, 239, 223) looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 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(244, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.4940, 86.2938, 82.1732 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(244, 239, 223) }
```


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

```
.border{ border-color:rgb(244, 239, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 239, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4940, 86.2938, 82.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 223) }
```

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

```
.background{ background-color: rgb(244,  
239, 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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