

Converting Colors

XYZ(81.2982, 82.1846, 90.1756)

Have a look what the booklet for
XYZ(81.2982, 82.1846, 90.1756)
contains.

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Color

**XYZ(81.2982, 82.1846,
90.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E6EB
RGB	246, 230, 235
RGB Percent	96%, 90%, 92%
CMY	0.0353, 0.0980, 0.0784
CMYK	0.00, 0.07, 0.04, 0.04
HSL	341°, 47%, 93%
HSV	341°, 7%, 96%
XYZ	81.2982, 82.1846, 90.1756
YIQ	235.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

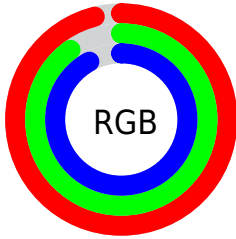
Format	Color
RYB	246, 230, 235
Decimal	16180971
CIELab	92.66, 6.28, -0.48
CIELCh	93, 6.298, 355.623
Yxy	82.1846, 0.3205, 0.3240
Android (android.graphics.Color)	4294371051 (0xFFFF6E6EB)
YUV	235.3540, -0.1745, 9.3365
Hunter-Lab	90.6557, 1.4276, 4.4830

Details

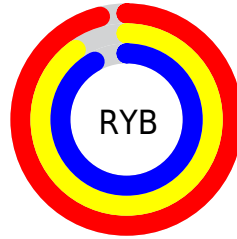
The XYZ color **81.2982, 82.1846, 90.1756** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4691, 89.0874, 96.1251**, and the grayscale version is **79.2343, 83.3607, 90.7798**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7019, 44.8618, 48.9510** is the 20% darker color. If you saturate the color by 10%, you get **72.6009, 68.5164, 75.7863**, and if you desaturate by 10%, it is **91.1987, 97.8850, 106.1148**.

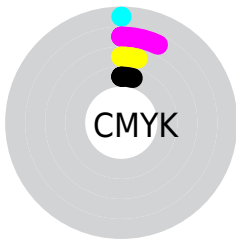
Distribution



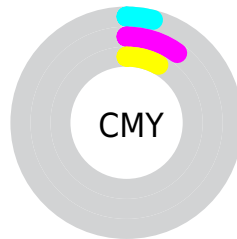
- Red (96%)
- Green (90%)
- Blue (92%)



- Red (96%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2982, 82.1846, 90.1756 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 81.2982, 82.1846, 90.1756 by changing the saturation by 10% instead.


 81.2982, 82.1846,
90.1756

 81.2982, 82.1846,
90.1756


487.9673,
502.2650, 549.1867

 61.0994, 61.5177,
67.5518


134.1304,
136.4328, 149.5199

 44.5582, 44.6431,
49.0687

167.4944,
170.7830, 187.0775

 31.3094, 31.1764,
34.3080


205.9775,
210.4630, 230.4501

 20.9875, 20.7332,
22.8511

249.9451,
255.8573, 280.0562

 13.2273, 12.9291,
14.2793

299.7626,
307.3502, 336.3144

 7.6633, 7.3798,
8.1742

355.7952,

 3.9303, 3.7007,

365.3262, 399.6432

4.1173

418.4083,
430.1697, 470.4611

■ 1.6628, 1.5076,
1.6899

■ 0.4328, 0.2941,
0.3538

■ 81.2982, 82.1846,
90.1756

■ 81.2982, 82.1846,
90.1756

■ 72.6009, 68.5164,
75.7863

■ 91.1987, 97.8850,
106.1148

■ 65.0532, 56.7867,
62.8942

■ 91.8165, 98.3331,
108.7487

■ 58.6075, 46.9102,
51.4510

■ 53.2103, 38.7911,
41.4043

■ 48.8034, 32.3250,
32.6977

■ 45.3227, 27.3962,
25.2712

■ 42.6961, 23.8741,
19.0593

■ 40.8402, 21.6058,
13.9899

■ 39.6515, 20.4005,
9.9808

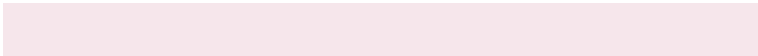
Harmonies

Analogous

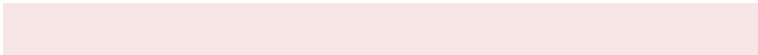
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7437, 82.1846, 94.6780



81.2982, 82.1846, 90.1756



80.9898, 82.1846, 85.6389

Triad

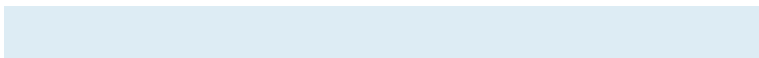
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2982, 82.1846, 90.1756



76.7592, 82.1846, 81.5922



76.3482, 82.1846, 97.1419

Complementary

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



81.2982, 82.1846, 90.1756



81.4691, 89.0874, 96.1251

Split Complementary

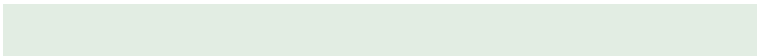
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3071, 82.1846, 93.4446



81.2982, 82.1846, 90.1756



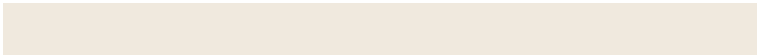
75.5420, 82.1846, 84.4856

Square

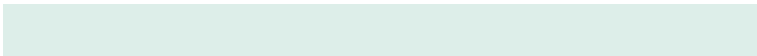
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2982, 82.1846, 90.1756



78.3547, 82.1846, 80.7851



75.0140, 82.1846, 88.7981



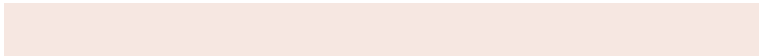
77.8737, 82.1846, 98.7882

Rectangle

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



81.2982, 82.1846, 90.1756



80.3386, 82.1846, 83.1886



75.0140, 82.1846, 88.7981



75.9309, 82.1846, 96.0915

Sweetspot

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



81.3005, 82.1882, 90.1774



92.8849, 96.5652, 105.4181



81.1870, 81.9403, 98.7268



19.9039, 20.7049, 22.6004



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

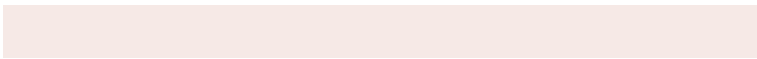
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3005, 82.1882, 90.1774



86.7068, 86.7970, 95.3803



81.4117, 83.5495, 86.7030



16.7123, 16.5678, 18.2315



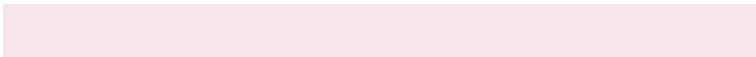
21.0534, 10.7648, 4.9898



1.8948, 0.9639, 0.6722

Inverse Universe

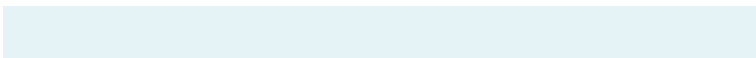
The Inverse Universe completely reimagines the original color for something new.



81.3005, 82.1882, 90.1774



86.7068, 86.7970, 95.3803



81.3409, 87.6202, 99.8150



16.7123, 16.5678, 18.2315



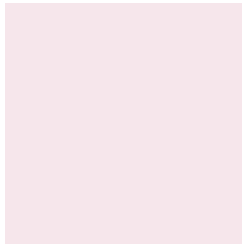
21.0534, 10.7648, 4.9898



1.8948, 0.9639, 0.6722

Previews

White Background



This preview shows how the XYZ color 81.2982, 82.1846, 90.1756 looks on a white background.

Color Contrast Check

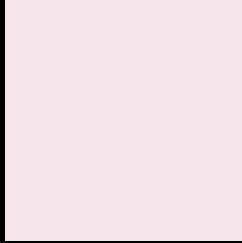
Large Text (above 18pt) WCAG AA × Fail

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 81.2982, 82.1846, 90.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

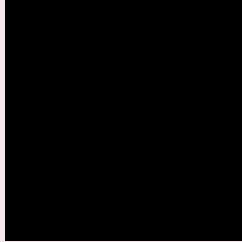
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2982, 82.1846, 90.1756

Background



This preview shows how black text looks on a background with the XYZ color 81.2982, 82.1846, 90.1756.



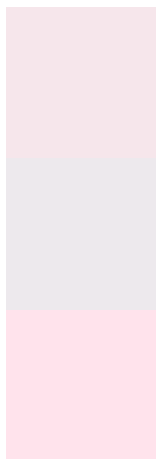
This preview shows how white text looks on a background with the XYZ color 81.2982, 82.1846,

90.1756.

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

81.2982, 82.1846, 90.1756

Protanopia

79.3500, 82.3968, 91.8427

Deuteranopia

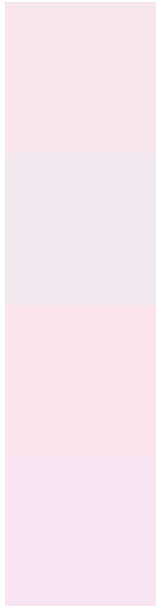
83.8494, 82.2543, 90.8142



Tritanopia

83.0894, 82.0971, 98.6558

Trichromacy



Original Color

81.2982, 82.1846, 90.1756

Protanomaly

79.9321, 82.2946, 91.0285

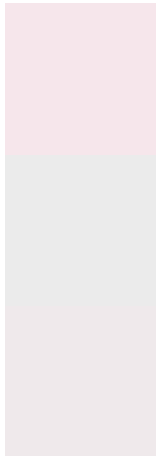
Deuteranomaly

83.0286, 82.2384, 90.8544

Tritanomaly

82.4041, 82.2236, 95.5320

Monochromacy



Original Color

81.2982, 82.1846, 90.1756

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.7309, 82.6267, 90.3435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2982, 82.1846, 90.1756 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(246, 230, 235) looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 235)  
}
```

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(246, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.2982, 82.1846, 90.1756 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(246, 230, 235) }
```


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

```
.border{ border-color:rgb(246, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2982, 82.1846, 90.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 235) }
```

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

```
.background{ background-color: rgb(246,  
230, 235) }
```

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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