

Converting Colors

XYZ(81.5768, 82.1286, 89.8475)

Have a look what the booklet for
XYZ(81.5768, 82.1286, 89.8475)
contains.

XYZ(81.6500, 82.3659, 90.1921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.6500, 82.3659,
90.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6EB
RGB	247, 230, 235
RGB Percent	97%, 90%, 92%
CMY	0.0314, 0.0980, 0.0784
CMYK	0.00, 0.07, 0.05, 0.03
HSL	342°, 52%, 94%
HSV	342°, 7%, 97%
XYZ	81.6500, 82.3659, 90.1921
YIQ	235.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

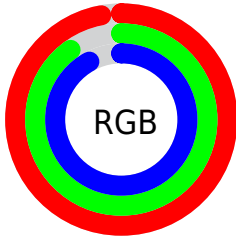
Format	Color
R _Y B	247, 230, 235
Decimal	16246507
CIE Lab	92.74, 6.62, -0.35
CIE LCh	93, 6.628, 356.935
Yxy	82.3659, 0.3212, 0.3240
Android (android.graphics.Color)	4294436587 (0xFFFF7E6EB)
YUV	235.6530, -0.3219, 9.9513
Hunter-Lab	90.7557, 1.7684, 4.6071

Details

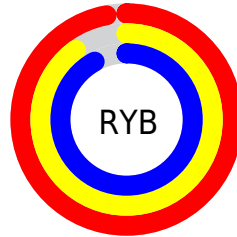
The XYZ color **81.6500, 82.3659, 90.1921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9240, 89.7575, 97.0158**, and the grayscale version is **79.4633, 83.6016, 91.0421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9525, 44.9910, 48.9627** is the 20% darker color. If you saturate the color by 10%, you get **72.8604, 68.6225, 75.4350**, and if you desaturate by 10%, it is **91.6652, 98.1632, 106.5785**.

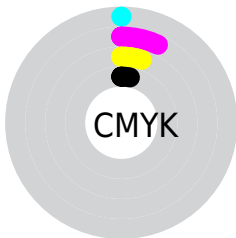
Distribution



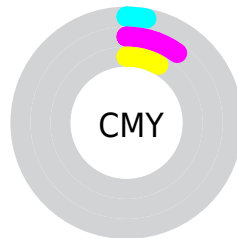
- Red (97%)
- Green (90%)
- Blue (92%)



- Red (97%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6500, 82.3659, 90.1921 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 81.6500, 82.3659, 90.1921 by changing the saturation by 10% instead.

81.6500, 82.3659,
90.1921

81.6500, 82.3659,
90.1921

489.1285,
502.8708, 549.2418

61.3902, 61.6672,
67.5654

134.6215,
136.6870, 149.5431

44.7939, 44.7638,
49.0797

168.0638,
171.0782, 187.1044

31.4957, 31.2714,
34.3167

206.6311,
210.8023, 230.4809

21.1303, 20.8056,
22.8577

250.6886,
256.2437, 280.0913

13.3323, 12.9820,
14.2841

300.6018,
307.7869, 336.3540

7.7363, 7.4162,
8.1775

356.7359,

3.9771, 3.7237,

365.8162, 399.6877

4.1194

419.4563,
430.7160, 470.5107

■ 1.6892, 1.5202,
1.6911

■ 0.4495, 0.3029,
0.3546

■ 81.6500, 82.3659,
90.1921

■ 81.6500, 82.3659,
90.1921

■ 72.8604, 68.6225,
75.4350

■ 91.6652, 98.1632,
106.5785

■ 65.2417, 56.8378,
62.2510

■ 92.1683, 98.5144,
108.7651

■ 58.7452, 46.9253,
50.5883

■ 53.3159, 38.7877,
40.3904

■ 48.8943, 32.3188,
31.5969

■ 45.4147, 27.4011,
24.1430

■ 42.8030, 23.9016,
17.9582

■ 40.9735, 21.6645,
12.9647

■ 39.8187, 20.4924,
9.0732

Harmonies

Analogous

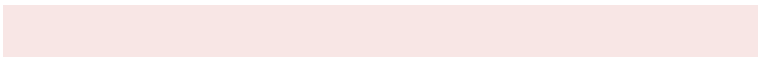
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1029, 82.3659, 94.9730



81.6500, 82.3659, 90.1921



81.2849, 82.3659, 85.4423

Triad

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



81.6500, 82.3659, 90.1921



76.7914, 82.3659, 81.4666



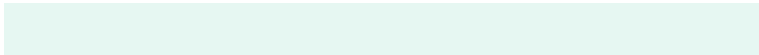
76.4881, 82.3659, 97.8927

Complementary

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



81.6500, 82.3659, 90.1921



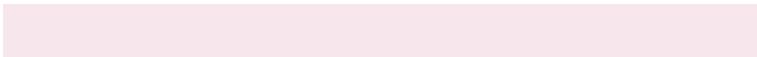
81.9240, 89.7575, 97.0158

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.



75.3624, 82.3659, 94.0606



81.6500, 82.3659, 90.1921



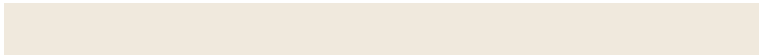
75.5357, 82.3659, 84.5921

Square

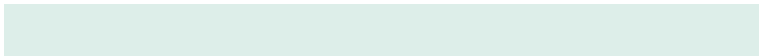
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



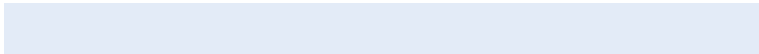
81.6500, 82.3659, 90.1921



78.4641, 82.3659, 80.5153



75.0163, 82.3659, 89.1747



78.1088, 82.3659, 99.5203

Rectangle

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



81.6500, 82.3659, 90.1921



80.5762, 82.3659, 82.9111



75.0163, 82.3659, 89.1747



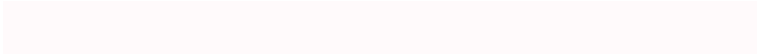
76.0402, 82.3659, 96.8129

Sweetspot

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



81.6523, 82.3695, 90.1939



92.8701, 96.5593, 105.3401



81.6717, 82.1723, 99.5532



19.9009, 20.7037, 22.5845



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

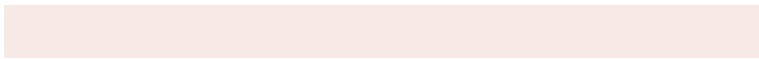
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6523, 82.3695, 90.1939



86.6509, 86.7747, 95.0857



81.8957, 83.9952, 86.7635



16.6995, 16.5627, 18.1642



20.9690, 10.7311, 4.5453



1.8860, 0.9604, 0.6262

Inverse Universe

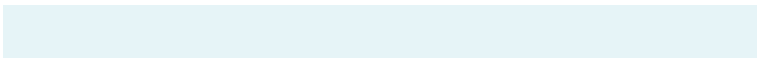
The Inverse Universe completely reimagines the original color for something new.



81.6523, 82.3695, 90.1939



86.6509, 86.7747, 95.0857



81.6548, 88.0017, 100.6792



16.6995, 16.5627, 18.1642



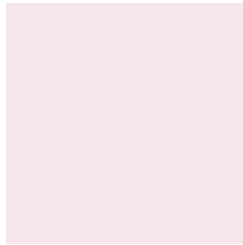
20.9690, 10.7311, 4.5453



1.8860, 0.9604, 0.6262

Previews

White Background



This preview shows how the XYZ color 81.6500, 82.3659, 90.1921 looks on a white background.

Color Contrast Check

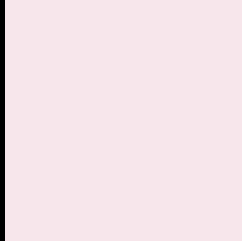
Large Text (above 18pt) WCAG AA × Fail

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 81.6500, 82.3659, 90.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

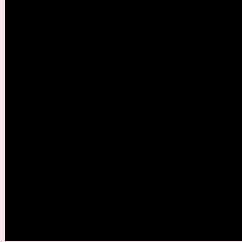
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6500, 82.3659, 90.1921

Background



This preview shows how black text looks on a background with the XYZ color 81.6500, 82.3659, 90.1921.



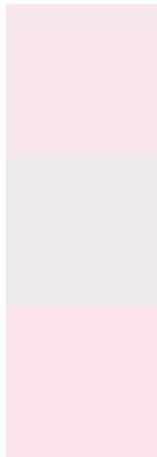
This preview shows how white text looks on a background with the XYZ color 81.6500, 82.3659,

90.1921.

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

81.6500, 82.3659, 90.1921

Protanopia

79.3500, 82.3968, 91.8427

Deuteranopia

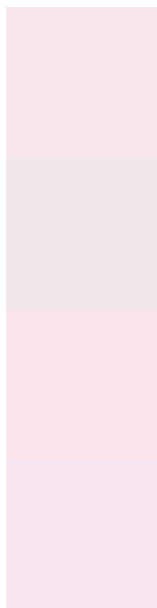
83.8494, 82.2543, 90.8142



Tritanopia

83.4449, 82.2804, 98.6725

Trichromacy



Original Color

81.6500, 82.3659, 90.1921

Protanomaly

80.2726, 82.4701, 91.0444

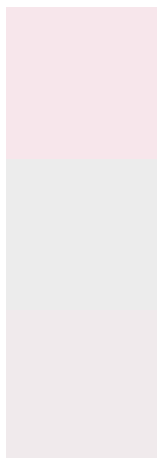
Deuteranomaly

83.0286, 82.2384, 90.8544

Tritanomaly

82.7577, 82.4059, 95.5485

Monochromacy



Original Color

81.6500, 82.3659, 90.1921

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4983, 83.4270, 91.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6500, 82.3659, 90.1921 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, 230, 235) looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.6500, 82.3659, 90.1921 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, 230, 235) }
```


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

```
.border{ border-color:rgb(247, 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(247, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6500, 82.3659, 90.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 235) }
```

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

```
.background{ background-color: rgb(247,  
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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