

Converting Colors

XYZ(81.0376, 83.9838, 90.2365)

Have a look what the booklet for
XYZ(81.0376, 83.9838, 90.2365)
contains.

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Color

**XYZ(81.3217, 84.2921,
90.5811)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EBEB
RGB	242, 235, 235
RGB Percent	95%, 92%, 92%
CMY	0.0510, 0.0784, 0.0784
CMYK	0.00, 0.03, 0.03, 0.05
HSL	0°, 21%, 94%
HSV	0°, 3%, 95%
XYZ	81.3217, 84.2921, 90.5811
YIQ	237.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

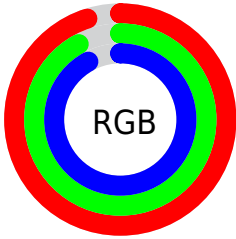
Format	Color
R _Y B	242, 235, 235
Decimal	15920107
CIE Lab	93.58, 2.36, 0.83
CIE LCh	94, 2.496, 19.327
Yxy	84.2921, 0.3174, 0.3290
Android (android.graphics.Color)	4294110187 (0xFF2EBEBE)
YUV	237.0930, -1.0318, 4.3034
Hunter-Lab	91.8107, -2.5617, 5.7716

Details

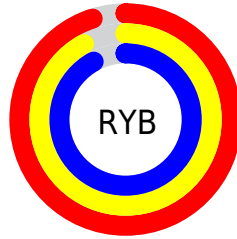
The XYZ color **81.3217, 84.2921, 90.5811** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0400, 87.5760, 96.5854**, and the grayscale version is **80.5754, 84.7716, 92.3163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5065, 45.9340, 49.1682** is the 20% darker color. If you saturate the color by 10%, you get **71.6011, 70.0700, 71.2487**, and if you desaturate by 10%, it is **90.4285, 97.6175, 108.6837**.

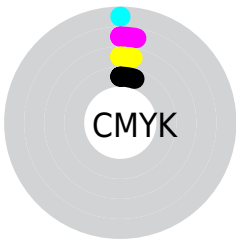
Distribution



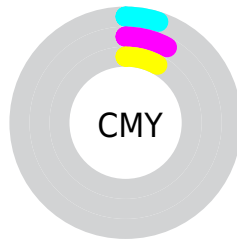
- Red (95%)
- Green (92%)
- Blue (92%)



- Red (95%)
- Yellow (92%)
- Blue (92%)



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



- Cyan (5%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3217, 84.2921, 90.5811 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 81.3217, 84.2921, 90.5811 by changing the saturation by 10% instead.

81.3217, 84.2921,
90.5811

81.3217, 84.2921,
90.5811

488.0449,
509.2827, 550.5381

61.1188, 63.2566,
67.8863

134.1632,
139.3837, 150.0879

44.5739, 46.0488,
49.3391

167.5324,
174.2086, 187.7369

31.3218, 32.2844,
34.5211

206.0212,
214.3988, 231.2077

20.9971, 21.5788,
23.0136

249.9948,
260.3387, 280.9189

13.2343, 13.5477,
14.3981

299.8187,
312.4126, 337.2890

7.6682, 7.8068,
8.2562

355.8580,

3.9334, 3.9716,

371.0050, 400.7366

4.1692

418.4784,
436.5002, 471.6801

■ 1.6645, 1.6577,
1.7186

■ 0.4339, 0.3960,
0.3734

■ 81.3217, 84.2921,
90.5811

■ 81.3217, 84.2921,
90.5811

■ 71.6011, 70.0700,
71.2487

■ 90.4285, 97.6175,
108.6837

■ 63.2384, 57.8342,
54.6203

■ 56.1754, 47.4997,
40.5773

■ 50.3468, 38.9710,
28.9897

■ 45.6819, 32.1447,
19.7167

■ 42.1026, 26.9065,
12.6029

■ 39.5212, 23.1285,
7.4740

■ 37.8368, 20.6626,
4.1287

■ 36.9269, 19.3300,
2.3234

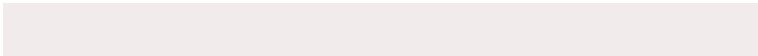
Harmonies

Analogous

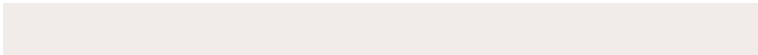
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3718, 84.2921, 92.4551



81.3217, 84.2921, 90.5811



80.9478, 84.2921, 89.0483

Triad

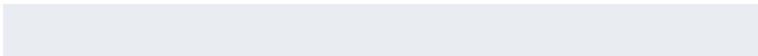
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3217, 84.2921, 90.5811



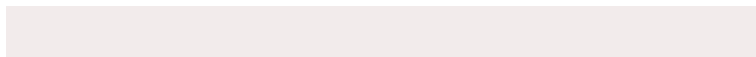
79.1576, 84.2921, 89.4293



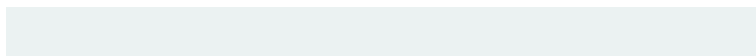
79.8821, 84.2921, 95.4011

Complementary

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



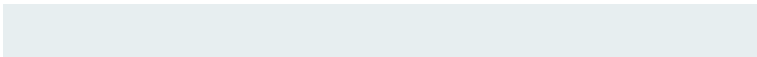
81.3217, 84.2921, 90.5811



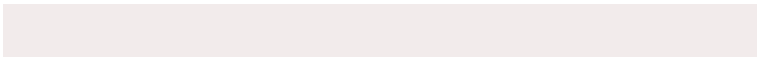
82.0400, 87.5760, 96.5854

Split Complementary

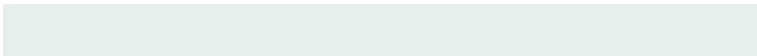
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2921, 84.2921, 94.5665



81.3217, 84.2921, 90.5811



78.8754, 84.2921, 91.1077

Square

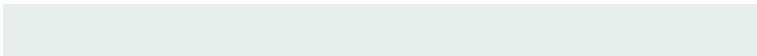
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



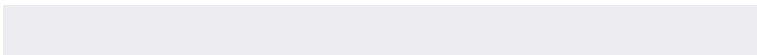
81.3217, 84.2921, 90.5811



79.6975, 84.2921, 88.3897



78.9245, 84.2921, 92.9890



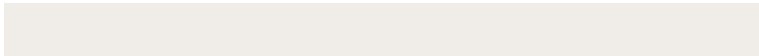
80.5382, 84.2921, 95.2554

Rectangle

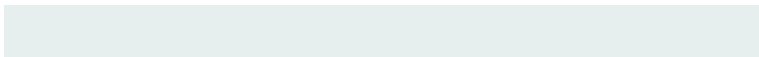
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



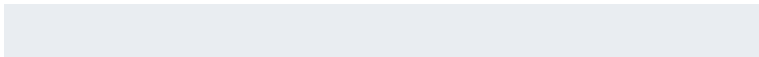
81.3217, 84.2921, 90.5811



80.5664, 84.2921, 88.4182



78.9245, 84.2921, 92.9890



79.6695, 84.2921, 95.2255

Sweetspot

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



81.3241, 84.2957, 90.5829



93.8345, 98.2216, 106.4828



82.3545, 84.7060, 96.0149



20.0972, 21.0422, 22.8172



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.



81.3241, 84.2957, 90.5829



91.4519, 94.7357, 101.7449



82.3348, 86.3173, 90.9198



16.9601, 17.4964, 18.7198



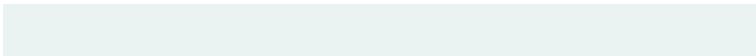
19.6727, 10.1434, 0.9210



1.6369, 0.8444, 0.0767

Inverse Universe

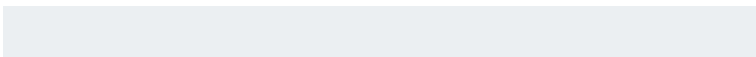
The Inverse Universe completely reimagines the original color for something new.



82.0400, 87.5760, 96.5854



92.2899, 98.5749, 108.7704



81.0095, 85.5149, 96.2419



17.1568, 18.3973, 20.3684



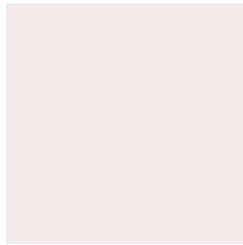
25.6444, 37.5130, 51.0170



2.1336, 3.1213, 4.2442

Previews

White Background



This preview shows how the XYZ color 81.3217, 84.2921, 90.5811 looks on a white background.

Color Contrast Check

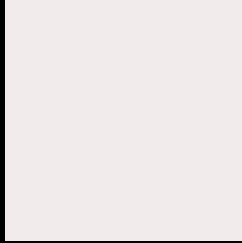
Large Text (above 18pt) WCAG AA × Fail

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 81.3217, 84.2921, 90.5811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

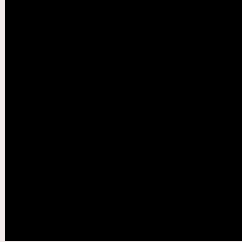
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

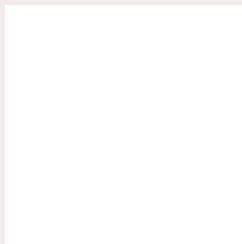
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3217, 84.2921, 90.5811

Background



This preview shows how black text looks on a background with the XYZ color 81.3217, 84.2921, 90.5811.



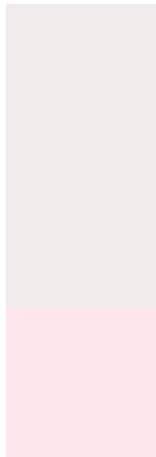
This preview shows how white text looks on a background with the XYZ color 81.3217, 84.2921,

90.5811.

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

81.3217, 84.2921, 90.5811

Protanopia

80.9794, 84.1156, 90.5651

Deuteranopia

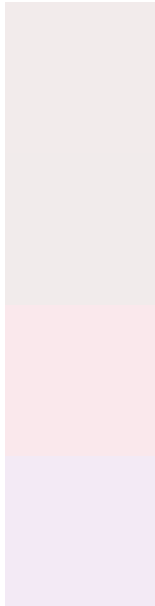
84.6771, 83.9098, 91.0901



Tritanopia

83.8597, 84.4760, 103.1524

Trichromacy



Original Color

81.3217, 84.2921, 90.5811

Protanomaly

80.9794, 84.1156, 90.5651

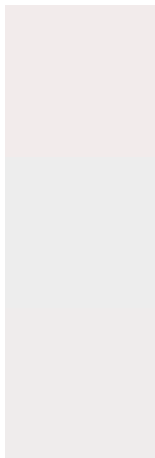
Deuteranomaly

83.4213, 84.0933, 91.1917

Tritanomaly

82.8664, 84.4929, 98.3274

Monochromacy



Original Color

81.3217, 84.2921, 90.5811

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.7324, 84.3978, 91.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3217, 84.2921, 90.5811 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(242, 235, 235) looks like.

```
.text, #text, p{  
    color:rgb(242, 235, 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(242, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.3217, 84.2921, 90.5811 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(242, 235, 235) }
```


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

```
.border{ border-color:rgb(242, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 235,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3217, 84.2921, 90.5811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 235, 235) }
```

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

```
.background{ background-color: rgb(242,  
235, 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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