

Converting Colors

XYZ(86.7752, 90.2461, 92.6951)

Have a look what the booklet for
XYZ(86.7752, 90.2461, 92.6951)
contains.

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Color

**XYZ(86.8219, 90.1279,
92.9412)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2ED
RGB	251, 242, 237
RGB Percent	98%, 95%, 93%
CMY	0.0157, 0.0510, 0.0706
CMYK	0.00, 0.04, 0.06, 0.02
HSL	21°, 64%, 96%
HSV	21°, 6%, 98%
XYZ	86.8219, 90.1279, 92.9412
YIQ	244.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

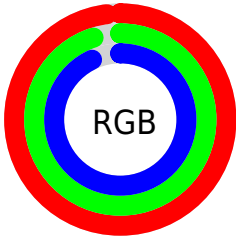
Format	Color
R_{YB}	251, 245, 237
Decimal	16511725
CIE Lab	96.05, 2.17, 3.47
CIE LCh	96, 4.090, 58.016
Yxy	90.1279, 0.3217, 0.3339
Android (android.graphics.Color)	4294701805 (0xFFFBF2ED)
YUV	244.1210, -3.5107, 6.0329
Hunter-Lab	94.9357, -2.8933, 8.4106

Details

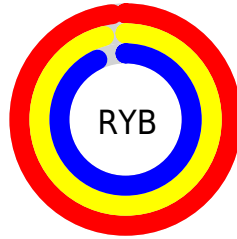
The XYZ color **86.8219, 90.1279, 92.9412** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2934, 90.8799, 104.3142**, and the grayscale version is **86.1114, 90.5959, 98.6589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1475, 49.9233, 50.8146** is the 20% darker color. If you saturate the color by 10%, you get **78.8186, 79.5842, 73.4294**, and if you desaturate by 10%, it is **93.5942, 99.2495, 108.8319**.

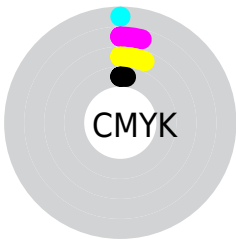
Distribution



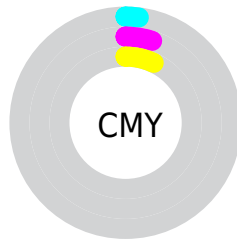
- Red (98%)
- Green (95%)
- Blue (93%)



- Red (98%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8219, 90.1279, 92.9412 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 86.8219, 90.1279, 92.9412 by changing the saturation by 10% instead.

 86.8219, 90.1279,
92.9412

 86.8219, 90.1279,
92.9412


506.0308,
528.4468, 558.3678

 65.6754, 68.0867,
69.8352


141.8168,
147.5160, 153.3882

 48.2757, 49.9683,
50.9163


176.3959,
183.6318, 191.5663

 34.2574, 35.3882,
35.7657


216.1832,
225.2079, 235.6056

 23.2552, 23.9621,
23.9650

261.5441,
272.6287, 285.9245

 14.9038, 15.3055,
15.0957

312.8440,
326.2786, 342.9417

 8.8378, 9.0341,
8.7392

370.4482,

 4.6918, 4.7634,

386.5419, 407.0756

4.4770

434.7220,
453.8032, 478.7448

■ 2.1005, 2.1091,
1.8905

■ 0.6895, 0.6697,
0.4867

■ 86.8219, 90.1279,
92.9412

■ 86.8219, 90.1279,
92.9412

■ 78.8186, 79.5842,
73.4294

■ 93.5942, 99.2495,
108.8319

■ 71.7174, 70.0585,
56.6451

■ 65.4869, 61.5228,
42.4669

■ 60.0907, 53.9437,
30.7622

■ 55.4899, 47.2858,
21.3864

■ 51.6417, 41.5111,
14.1796

■ 48.4992, 36.5788,
8.9617

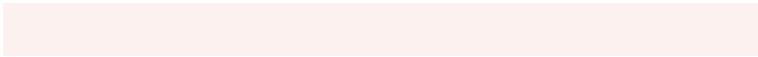
■ 46.0087, 32.4440,
5.5226

■ 44.1062, 29.0560,
3.6034

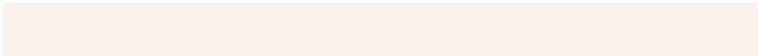
Harmonies

Analogous

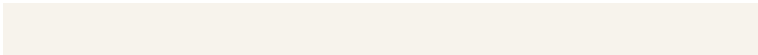
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5997, 90.1279, 95.2350



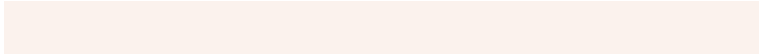
86.8219, 90.1279, 92.9412



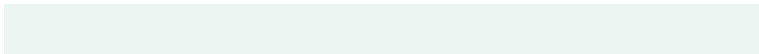
85.7392, 90.1279, 92.0352

Triad

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



86.8219, 90.1279, 92.9412



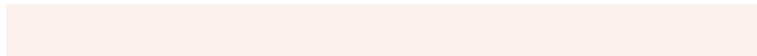
83.5070, 90.1279, 97.9183



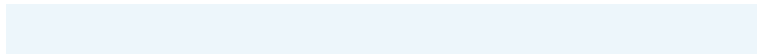
86.6903, 90.1279, 103.7404

Complementary

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



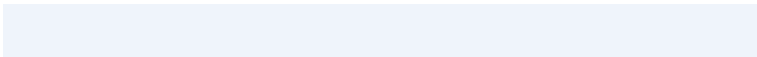
86.8219, 90.1279, 92.9412



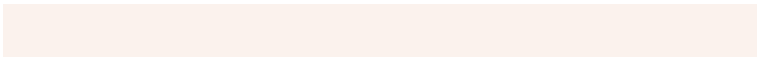
85.2934, 90.8799, 104.3142

Split Complementary

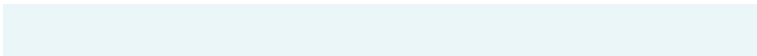
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5885, 90.1279, 104.4964



86.8219, 90.1279, 92.9412



83.7567, 90.1279, 101.0911

Square

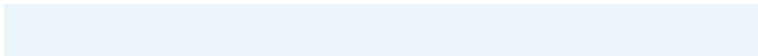
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8219, 90.1279, 92.9412



83.8310, 90.1279, 94.8692



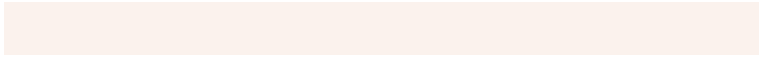
84.5162, 90.1279, 103.5166



87.5233, 90.1279, 101.4728

Rectangle

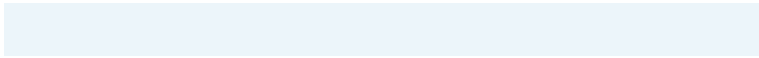
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8219, 90.1279, 92.9412



84.9925, 90.1279, 92.3248



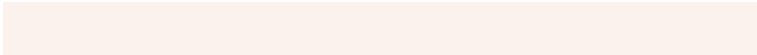
84.5162, 90.1279, 103.5166



86.3388, 90.1279, 104.1819

Sweetspot

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



86.8244, 90.1318, 92.9431



93.2031, 97.6028, 104.2872



86.7191, 87.7390, 99.6353



19.9687, 20.9162, 22.3701



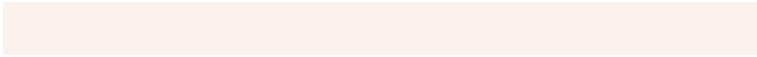
0.0000, 0.0000, 0.0000



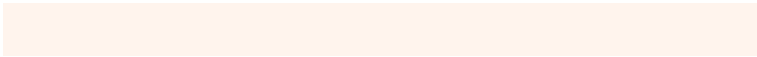
20.3446, 21.4041, 23.3091

Same Dimension

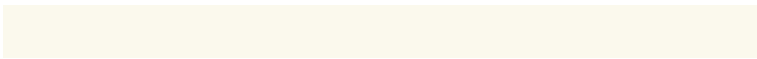
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8244, 90.1318, 92.9431



88.7576, 91.8023, 93.2773



88.9158, 94.3146, 93.6403



18.0827, 18.6743, 18.8572



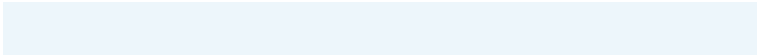
22.9459, 14.8485, 1.6567



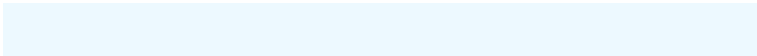
2.2213, 1.5675, 0.1855

Inverse Universe

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



85.2934, 90.8799, 104.3142



86.7834, 92.7668, 107.9395



83.2348, 86.7625, 103.6280



17.6459, 18.8877, 22.1009



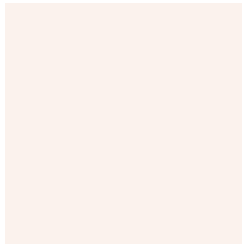
16.0205, 17.3967, 50.4871



1.5839, 1.8115, 4.7094

Previews

White Background



This preview shows how the XYZ color 86.8219, 90.1279, 92.9412 looks on a white background.

Color Contrast Check

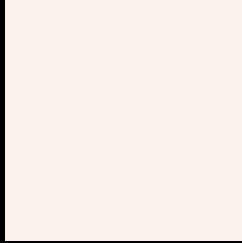
Large Text (above 18pt) WCAG AA × Fail

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 86.8219, 90.1279, 92.9412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

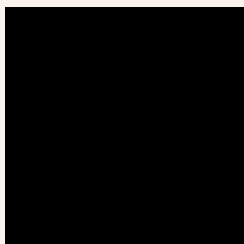
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

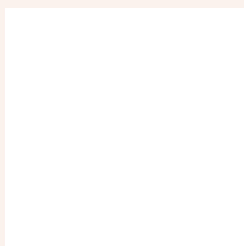
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8219, 90.1279, 92.9412

Background



This preview shows how black text looks on a background with the XYZ color 86.8219, 90.1279, 92.9412.



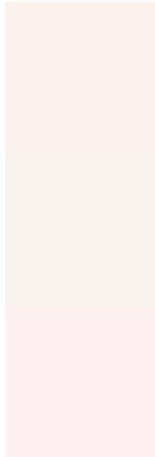
This preview shows how white text looks on a background with the XYZ color 86.8219, 90.1279,

92.9412.

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

86.8219, 90.1279, 92.9412

Protanopia

86.4036, 90.3553, 93.0071

Deuteranopia

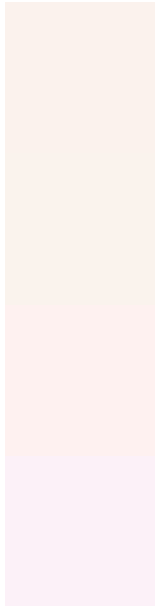
88.2773, 89.9311, 95.9248



Tritanopia

89.3550, 90.2356, 107.3154

Trichromacy



Original Color

86.8219, 90.1279, 92.9412

Protanomaly

86.7610, 90.5396, 93.0239

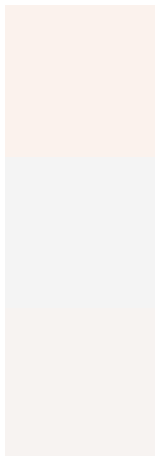
Deuteranomaly

88.0565, 90.2727, 95.2214

Tritanomaly

88.5435, 90.3834, 101.5859

Monochromacy



Original Color

86.8219, 90.1279, 92.9412

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2855, 90.2262, 96.0868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8219, 90.1279, 92.9412 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(251, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 237)  
}
```

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(251, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.8219, 90.1279, 92.9412 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(251, 242, 237) }
```


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

```
.border{ border-color:rgb(251, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8219, 90.1279, 92.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 237) }
```

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

```
.background{ background-color: rgb(251,  
242, 237) }
```

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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