

Converting Colors

XYZ(87.1711, 95.0952, 92.1904)

Have a look what the booklet for
XYZ(87.1711, 95.0952, 92.1904)
contains.

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Color

**XYZ(87.1140, 94.8521,
92.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FCEB
RGB	244, 252, 235
RGB Percent	96%, 99%, 92%
CMY	0.0431, 0.0117, 0.0784
CMYK	0.03, 0.00, 0.07, 0.01
HSL	88°, 74%, 95%
HSV	88°, 7%, 99%
XYZ	87.1140, 94.8521, 92.3141
YIQ	247.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

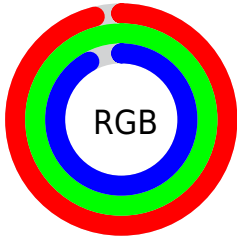
Format	Color
R _Y B	235, 252, 243
Decimal	16055531
CIE Lab	97.97, -5.59, 7.22
CIE LCh	98, 9.124, 127.743
Yxy	94.8521, 0.3176, 0.3458
Android (android.graphics.Color)	4294245611 (0xFFFF4FCEB)
YUV	247.6700, -6.2463, -3.2186
Hunter-Lab	97.3920, -10.7737, 11.9758

Details

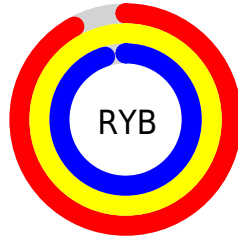
The XYZ color 87.1140, 94.8521, 92.3141 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.2449, 85.5022, 104.1639, and the grayscale version is 89.0050, 93.6402, 101.9741.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.3908, 52.9763, 50.3228 is the 20% darker color. If you saturate the color by 10%, you get 79.7439, 91.4468, 74.2910, and if you desaturate by 10%, it is 94.1023, 98.1046, 108.5841.

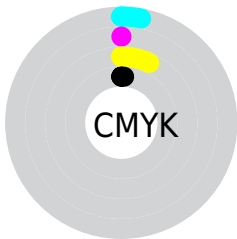
Distribution



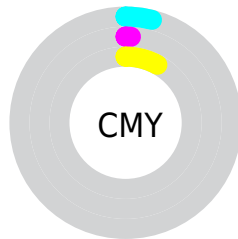
- Red (96%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.1140, 94.8521, 92.3141 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 87.1140, 94.8521, 92.3141 by changing the saturation by 10% instead.

87.1140, 94.8521,
92.3141

87.1140, 94.8521,
92.3141

506.9763,
543.6914, 556.2933

65.9179, 72.0119,
69.3171

142.2219,
154.0603, 152.5121

48.4732, 53.1684,
50.4966

176.8644,
191.1970, 190.5502

34.4146, 37.9372,
35.4342

216.7197,
233.8680, 234.4390

23.3767, 25.9340,
23.7113

262.1532,
282.4577, 284.5971

14.9941, 16.7742,
14.9094

313.5303,
337.3505, 341.4431

8.9015, 10.0737,
8.6099

371.2162,

4.7336, 5.4478,

398.9308, 405.3954

4.3943

435.5765,
467.5830, 476.8726

■ 2.1250, 2.5123,
1.8441

■ 0.7027, 0.8828,
0.4568

■ 87.1140, 94.8521,
92.3141

■ 87.1140, 94.8521,
92.3141

■ 79.7439, 91.4468,
74.2910

■ 94.1023, 98.1046,
108.5841

■ 73.1256, 88.3691,
58.8810

■ 67.2334, 85.6113,
45.9642

■ 62.0371, 83.1608,
35.4092

■ 57.5042, 81.0039,
27.0722

■ 53.5988, 79.1255,
20.7939

■ 50.2809, 77.5090,
16.3938

■ 47.5042, 76.1352,
13.6600

■ 45.2118, 74.9806,
12.3252

Harmonies

Analogous

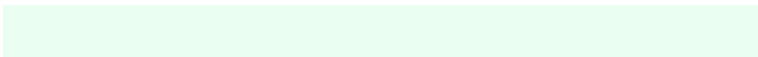
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4790, 94.8521, 89.6683



87.1140, 94.8521, 92.3141



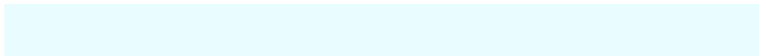
85.5845, 94.8521, 97.9241

Triad

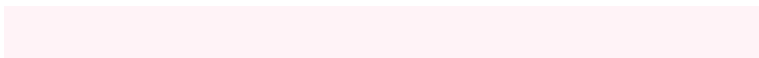
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1140, 94.8521, 92.3141



88.2648, 94.8521, 117.1728



95.2238, 94.8521, 101.3516

Complementary

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



87.1140, 94.8521, 92.3141



84.2449, 85.5022, 104.1639

Split Complementary

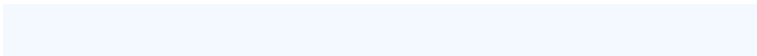
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8835, 94.8521, 108.8232



87.1140, 94.8521, 92.3141



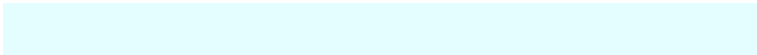
90.8326, 94.8521, 118.1991

Square

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



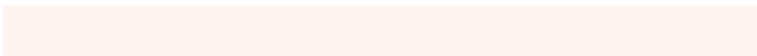
87.1140, 94.8521, 92.3141



86.2399, 94.8521, 112.3368



93.2641, 94.8521, 115.0769



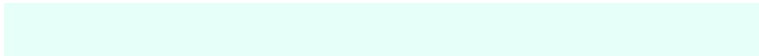
94.1850, 94.8521, 94.7195

Rectangle

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



87.1140, 94.8521, 92.3141



85.2272, 94.8521, 102.7123



93.2641, 94.8521, 115.0769



95.2673, 94.8521, 103.8454

Sweetspot

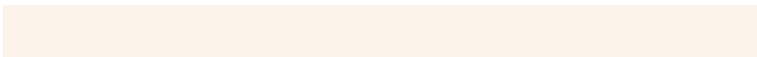
The Sweet Spot groups the original color and five complimentary colors.



87.1166, 94.8562, 92.3162



93.3619, 99.2233, 104.5916



87.1745, 90.7584, 91.5222



20.0010, 21.2460, 22.4320



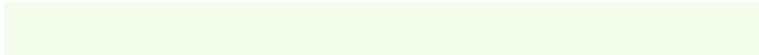
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.1166, 94.8562, 92.3162



88.4924, 96.9790, 92.3494



84.2570, 93.3820, 92.1823



17.8944, 19.7613, 18.3336



23.3742, 38.9681, 6.2897



2.2873, 3.6722, 0.5883

Inverse Universe

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



84.2449, 85.5022, 104.1639



85.0228, 85.6774, 106.6639



87.2226, 87.0373, 104.3032



17.0601, 17.0436, 21.7759



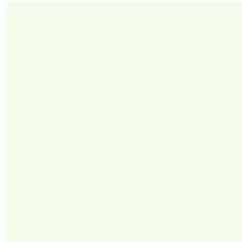
13.2564, 5.7766, 48.3899



1.3490, 0.5975, 4.4874

Previews

White Background



This preview shows how the XYZ color 87.1140, 94.8521, 92.3141 looks on a white background.

Color Contrast Check

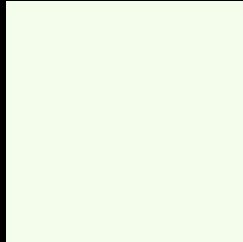
Large Text (above 18pt) WCAG AA × Fail

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 87.1140, 94.8521, 92.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

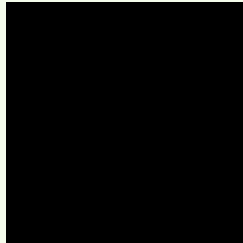
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

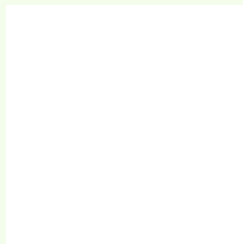
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.1140, 94.8521, 92.3141

Background



This preview shows how black text looks on a background with the XYZ color 87.1140, 94.8521, 92.3141.



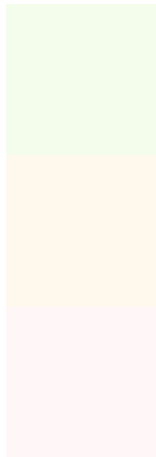
This preview shows how white text looks on a background with the XYZ color 87.1140, 94.8521,

92.341.

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

87.1140, 94.8521, 92.3141

Protanopia

90.0935, 94.5092, 93.6144

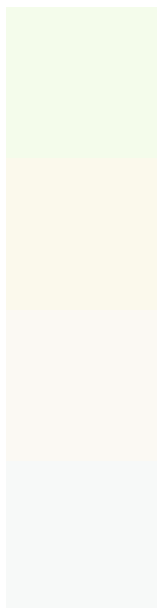
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy



Original Color

87.1140, 94.8521, 92.3141

Protanomaly

88.7997, 94.3167, 92.8816

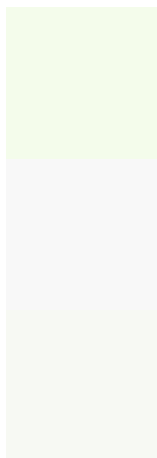
Deuteranomaly

89.8370, 94.7317, 98.3441

Tritanomaly

89.1767, 94.3028, 102.3091

Monochromacy



Original Color

87.1140, 94.8521, 92.3141

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4111, 93.9966, 98.2774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1140, 94.8521, 92.3141 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, 252, 235) looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 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(244, 252, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 235) }
```

Border

The CSS property to change the border of an element to XYZ 87.1140, 94.8521, 92.3141 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, 252, 235) }
```


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

```
.border{ border-color:rgb(244, 252, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 252, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 252, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 252, 235);  
box-shadow:4px 4px 4px 4px rgb(244, 252,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1140, 94.8521, 92.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 235) }
```

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

```
.background{ background-color: rgb(244,  
252, 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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