

Converting Colors

XYZ(84.4154, 93.6956, 92.0738)

Have a look what the booklet for
XYZ(84.4154, 93.6956, 92.0738)
contains.

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Color

**XYZ(84.7127, 94.0816,
92.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFDEB
RGB	236, 253, 235
RGB Percent	93%, 99%, 92%
CMY	0.0745, 0.0078, 0.0784
CMYK	0.07, 0.00, 0.07, 0.01
HSL	117°, 82%, 96%
HSV	117°, 7%, 99%
XYZ	84.7127, 94.0816, 92.2920
YIQ	245.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

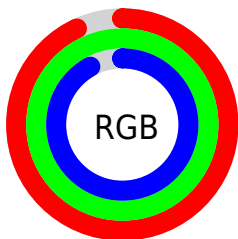
Format	Color
R _Y B	235, 253, 252
Decimal	15531499
CIE Lab	97.66, -8.76, 6.70
CIE LCh	98, 11.023, 142.589
Yxy	94.0816, 0.3125, 0.3471
Android (android.graphics.Color)	4293721579 (0xFFECEFDEB)
YUV	245.8650, -5.3564, -8.6516
Hunter-Lab	96.9957, -13.8466, 11.4822

Details

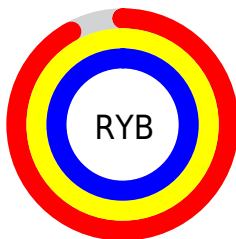
The XYZ color **84.7127, 94.0816, 92.2920** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5867, 87.2066, 105.1497**, and the grayscale version is **87.5350, 92.0936, 100.2899**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6990, 52.4378, 50.3080** is the 20% darker color. If you saturate the color by 10%, you get **73.9045, 88.9052, 74.0431**, and if you desaturate by 10%, it is **94.4171, 98.7343, 108.6890**.

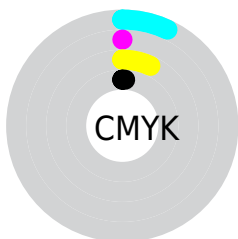
Distribution



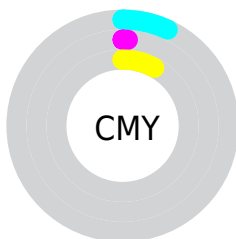
- Red (93%)
- Green (99%)
- Blue (92%)



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



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




- Cyan (7%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7127, 94.0816, 92.2920 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 84.7127, 94.0816, 92.2920 by changing the saturation by 10% instead.


 84.7127, 94.0816,
92.2920

 84.7127, 94.0816,
92.2920


499.1749,
541.2206, 556.2201

 63.9257, 71.3708,
69.2988


138.8878,
152.9952, 152.4812

 46.8520, 52.6449,
50.4818

173.0066,
189.9668, 190.5144

 33.1261, 37.5193,
35.4225


212.3001,
232.4608, 234.3979

 22.3828, 25.6099,
23.7024

257.1336,
280.8616, 284.5503

 14.2566, 16.5320,
14.9028

307.8725,
335.5536, 341.3902

 8.3822, 9.9014,
8.6054

364.8821,

 4.3943, 5.3336,

396.9212, 405.3361

4.3914

428.5278,
465.3487, 476.8066

■ 1.9276, 2.4443,
1.8424

■ 0.5928, 0.8485,
0.4557

■ 84.7127, 94.0816,
92.2920

■ 84.7127, 94.0816,
92.2920

■ 73.9045, 88.9052,
74.0431

94.4171, 98.7343,
108.6890

■ 64.6115, 84.4497,
58.4630

■ 56.7683, 80.6868,
45.4286

■ 50.3018, 77.5816,
34.8046

■ 45.1324, 75.0964,
26.4433

■ 41.1724, 73.1895,
20.1808

■ 38.3233, 71.8140,
15.8310

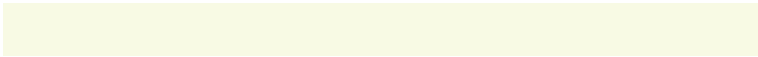
■ 36.4709, 70.9159,
13.1754

■ 35.4750, 70.4290,
11.9340

Harmonies

Analogous

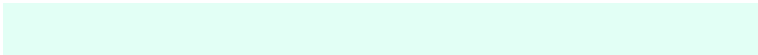
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1232, 94.0816, 87.2935



84.7127, 94.0816, 92.2920



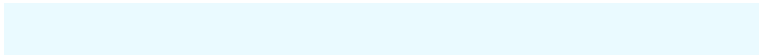
83.5689, 94.0816, 100.2254

Triad

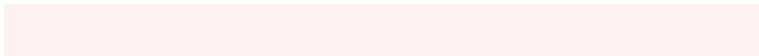
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7127, 94.0816, 92.2920



88.6455, 94.0816, 120.5543



95.1110, 94.0816, 95.9414

Complementary

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



84.7127, 94.0816, 92.2920



87.5867, 87.2066, 105.1497

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.



95.5416, 94.0816, 104.6846



84.7127, 94.0816, 92.2920



91.7603, 94.0816, 119.2419

Square

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



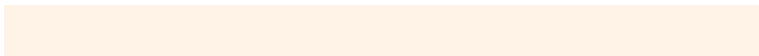
84.7127, 94.0816, 92.2920



85.8048, 94.0816, 116.7917



94.3021, 94.0816, 113.3035



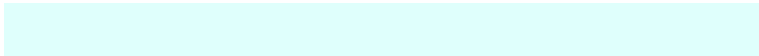
93.1390, 94.0816, 89.3129

Rectangle

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



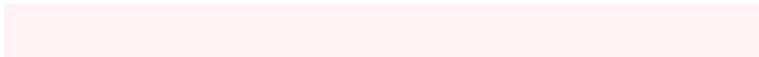
84.7127, 94.0816, 92.2920



83.6595, 94.0816, 106.2529



94.3021, 94.0816, 113.3035



95.4427, 94.0816, 98.7172

Sweetspot

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



84.7153, 94.0856, 92.2941



92.4896, 98.7737, 104.5508



90.2552, 96.3808, 92.4451



19.8234, 21.1545, 22.4237



0.0000, 0.0000, 0.0000



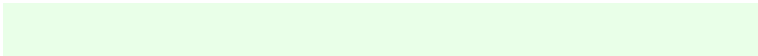
20.3446, 21.4041, 23.3091

Same Dimension

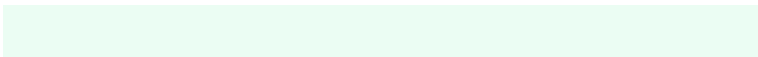
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7153, 94.0856, 92.2941



84.0427, 94.7273, 90.2358



85.5367, 94.3760, 98.3467



17.8648, 20.2162, 19.1049



18.8184, 37.4393, 6.2347



1.8636, 3.6615, 0.6085

Inverse Universe

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



87.5867, 87.2066, 105.1497



87.6935, 85.9806, 106.5817



86.7316, 86.9065, 98.7531



18.6872, 18.2460, 22.7869



28.4017, 13.5521, 50.5535



2.7946, 1.3346, 4.9236

Previews

White Background



This preview shows how the XYZ color 84.7127, 94.0816, 92.2920 looks on a white background.

Color Contrast Check

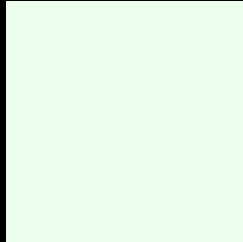
Large Text (above 18pt) WCAG AA × Fail

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 84.7127, 94.0816, 92.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

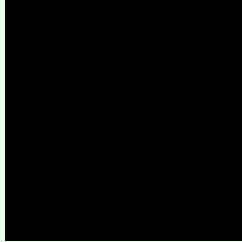
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

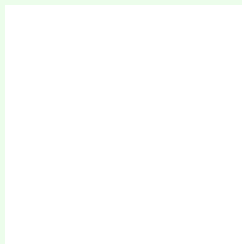
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7127, 94.0816, 92.2920

Background



This preview shows how black text looks on a background with the XYZ color 84.7127, 94.0816, 92.2920.



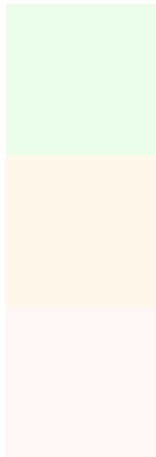
This preview shows how white text looks on a background with the XYZ color 84.7127, 94.0816,

92.2920.

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

84.7127, 94.0816, 92.2920

Protanopia

89.3520, 93.7220, 91.2227

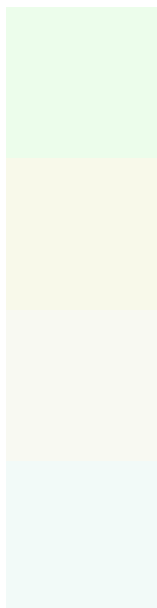
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

84.7127, 94.0816, 92.2920

Protanomaly

87.4384, 93.6483, 91.3093

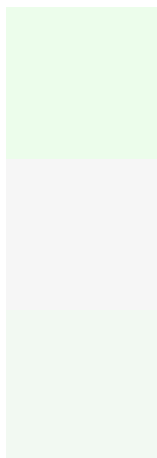
Deuteranomaly

88.6141, 94.1186, 97.5006

Tritanomaly

87.7468, 94.0258, 102.3310

Monochromacy



Original Color

84.7127, 94.0816, 92.2920

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.5206, 93.0394, 97.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7127, 94.0816, 92.2920 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(236, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 253, 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(236, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 253, 235) }
```

Border

The CSS property to change the border of an element to XYZ 84.7127, 94.0816, 92.2920 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(236, 253, 235) }
```


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

```
.border{ border-color:rgb(236, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 253,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7127, 94.0816, 92.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 253, 235) }
```

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

```
.background{ background-color: rgb(236,  
253, 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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