

Converting Colors

XYZ(84.9840, 90.7382, 94.6461)

Have a look what the booklet for
XYZ(84.9840, 90.7382, 94.6461)
contains.

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Color

**XYZ(85.1537, 91.0208,
94.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F6EF
RGB	242, 246, 239
RGB Percent	95%, 96%, 94%
CMY	0.0510, 0.0353, 0.0627
CMYK	0.02, 0.00, 0.03, 0.04
HSL	94°, 28%, 95%
HSV	94°, 3%, 96%
XYZ	85.1537, 91.0208, 94.7420
YIQ	244.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

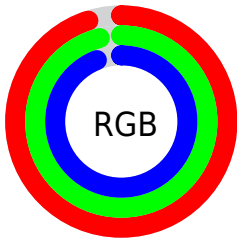
Format	Color
R _Y B	239, 246, 243
Decimal	15922927
CIE Lab	96.42, -2.55, 2.89
CIE LCh	96, 3.853, 131.449
Yxy	91.0208, 0.3143, 0.3360
Android (android.graphics.Color)	4294113007 (0xFF F2 F6 EF)
YUV	244.0060, -2.4680, -1.7593
Hunter-Lab	95.4048, -7.6380, 7.9053

Details

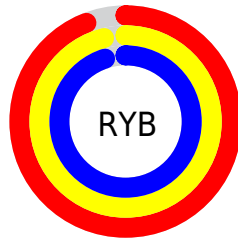
The XYZ color **85.1537, 91.0208, 94.7420** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4667, 87.4440, 99.6200**, and the grayscale version is **86.0153, 90.4948, 98.5489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2104, 50.6849, 52.0947** is the 20% darker color. If you saturate the color by 10%, you get **77.1214, 87.2743, 76.6681**, and if you desaturate by 10%, it is **92.2476, 94.3951, 107.9659**.

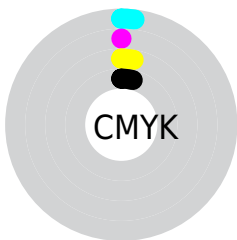
Distribution



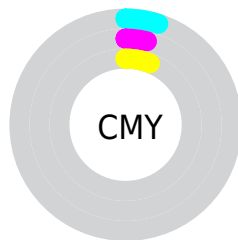
- Red (95%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1537, 91.0208, 94.7420 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 85.1537, 91.0208, 94.7420 by changing the saturation by 10% instead.

85.1537, 91.0208,
94.7420

85.1537, 91.0208,
94.7420

500.6125,
531.3459, 564.3019

64.2913, 68.8276,
71.3246

139.5008,
148.7555, 155.9006

47.1492, 50.5713,
52.1236

173.7163,
185.0658, 194.4789

33.3621, 35.8676,
36.7207

213.1134,
226.8506, 238.9479

22.5645, 24.3319,
24.6972

258.0577,
274.4943, 289.7260

14.3912, 15.5800,
15.6347

308.9143,
328.3813, 347.2320

8.4768, 9.2275,
9.1145

366.0488,

4.4559, 4.8898,

388.8960, 411.8843

4.7181

429.8264,
456.4227, 484.1014

■ 1.9631, 2.1828,
2.0270

■ 0.6131, 0.7106,
0.5718

■ 85.1537, 91.0208,
94.7420

■ 85.1537, 91.0208,
94.7420

■ 77.1214, 87.2743,
76.6681

■ 92.2476, 94.3951,
107.9659

■ 69.9244, 83.9011,
61.1101

■ 63.5354, 80.8919,
47.9578

■ 57.9229, 78.2333,
37.0910

■ 53.0527, 75.9104,
28.3786

■ 48.8879, 73.9074,
21.6767

■ 45.3877, 72.2068,
16.8235

■ 42.5062, 70.7889,
13.6323

■ 40.1891, 69.6309,
11.8770

Harmonies

Analogous

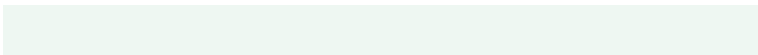
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1036, 91.0208, 93.4258



85.1537, 91.0208, 94.7420



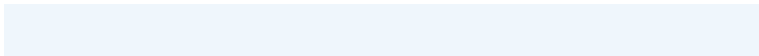
84.5709, 91.0208, 97.2378

Triad

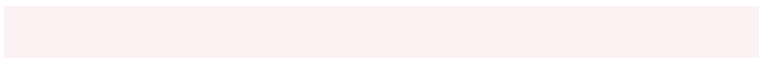
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1537, 91.0208, 94.7420



85.8577, 91.0208, 104.8154



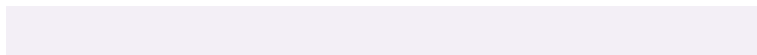
88.5509, 91.0208, 97.9377

Complementary

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



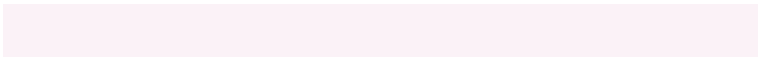
85.1537, 91.0208, 94.7420



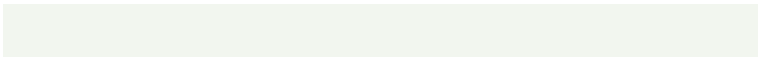
84.4667, 87.4440, 99.6200

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.



88.4837, 91.0208, 100.9984



85.1537, 91.0208, 94.7420



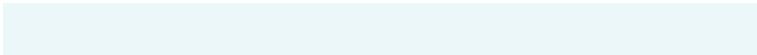
86.9228, 91.0208, 105.0122

Square

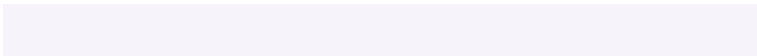
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



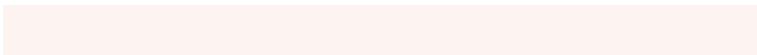
85.1537, 91.0208, 94.7420



84.9750, 91.0208, 103.0701



87.8858, 91.0208, 103.6024



88.0686, 91.0208, 95.2453

Rectangle

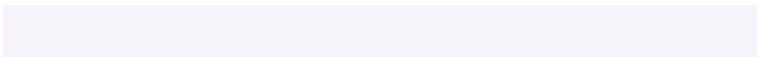
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



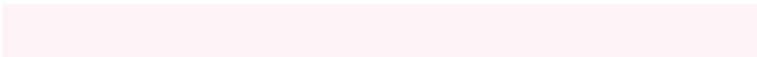
85.1537, 91.0208, 94.7420



84.4659, 91.0208, 99.2557



87.8858, 91.0208, 103.6024



88.5919, 91.0208, 98.9568

Sweetspot

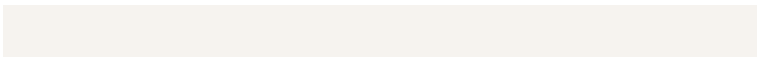
The Sweet Spot groups the original color and five complimentary colors.



85.1563, 91.0247, 94.7440



94.1078, 99.5614, 106.7270



85.6302, 89.9097, 94.5038



20.1529, 21.3149, 22.8669



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.



85.1563, 91.0247, 94.7440



92.2518, 98.6969, 102.4674



84.2041, 90.5259, 95.0600



17.9398, 19.2783, 19.7610



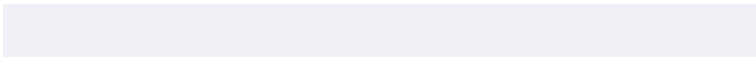
20.8756, 36.8746, 6.0172



1.9499, 3.3003, 0.5342

Inverse Universe

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



84.4667, 87.4440, 99.6200



91.4628, 94.5997, 108.0467



85.4389, 87.9534, 99.2918



17.7457, 18.2702, 21.1338



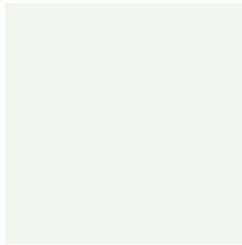
14.8734, 6.6418, 47.0361



1.4247, 0.6443, 4.1395

Previews

White Background



This preview shows how the XYZ color 85.1537, 91.0208, 94.7420 looks on a white background.

Color Contrast Check

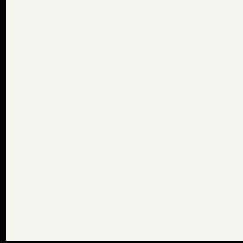
Large Text (above 18pt) WCAG AA × Fail

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 85.1537, 91.0208, 94.7420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

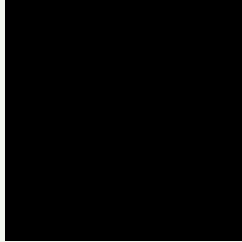
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

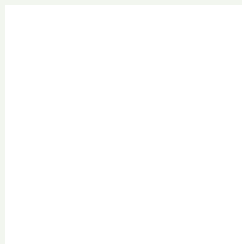
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1537, 91.0208, 94.7420

Background



This preview shows how black text looks on a background with the XYZ color 85.1537, 91.0208, 94.7420.



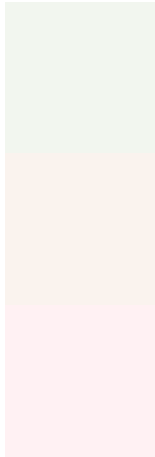
This preview shows how white text looks on a background with the XYZ color 85.1537, 91.0208,

94.7420.

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

85.1537, 91.0208, 94.7420

Protanopia

86.9075, 90.5982, 93.7956

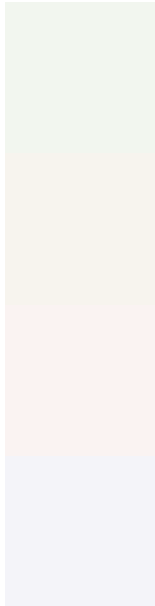
Deuteranopia

88.8730, 90.6417, 97.6055

Tritanopia

87.7568, 90.7337, 107.4958

Trichromacy



Original Color

85.1537, 91.0208, 94.7420

Protanomaly

86.1411, 90.6486, 93.8457

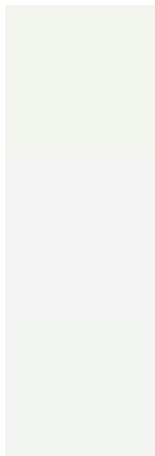
Deuteranomaly

87.5019, 90.8360, 96.9257

Tritanomaly

86.7578, 90.7740, 102.5710

Monochromacy



Original Color

85.1537, 91.0208, 94.7420

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.6416, 90.7703, 97.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1537, 91.0208, 94.7420 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, 246, 239) looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 239)  
}
```

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, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.1537, 91.0208, 94.7420 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, 246, 239) }
```


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

```
.border{ border-color:rgb(242, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1537, 91.0208, 94.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 246, 239) }
```

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

```
.background{ background-color: rgb(242,  
246, 239) }
```

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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