

Converting Colors

XYZ(84.2861, 90.2187, 98.8852)

Have a look what the booklet for
XYZ(84.2861, 90.2187, 98.8852)
contains.

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Color

**XYZ(84.2414, 90.0136,
98.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF5F4
RGB	238, 245, 244
RGB Percent	93%, 96%, 96%
CMY	0.0667, 0.0392, 0.0431
CMYK	0.03, 0.00, 0.00, 0.04
HSL	171°, 26%, 95%
HSV	171°, 3%, 96%
XYZ	84.2414, 90.0136, 98.5223
YIQ	242.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

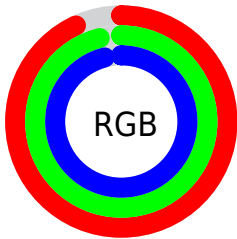
Format	Color
R _Y B	238, 242, 245
Decimal	15660532
CIE Lab	96.00, -2.48, -0.34
CIE LCh	96, 2.507, 187.708
Yxy	90.0136, 0.3088, 0.3300
Android (android.graphics.Color)	4293850612 (0xFFEEF5F4)
YUV	242.7930, 0.5951, -4.2035
Hunter-Lab	94.8755, -7.5393, 4.8439

Details

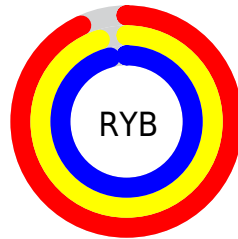
The XYZ color **84.2414, 90.0136, 98.5223** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.8140, 86.7958, 94.0015**, and the grayscale version is **85.0267, 89.4547, 97.4161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5661, 49.9711, 54.7680** is the 20% darker color. If you saturate the color by 10%, you get **76.0413, 85.8499, 95.3828**, and if you desaturate by 10%, it is **90.7620, 93.3154, 101.6399**.

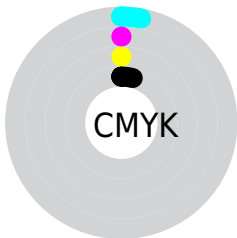
Distribution



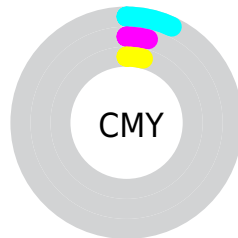
- Red (93%)
- Green (96%)
- Blue (96%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2414, 90.0136, 98.5223 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 84.2414, 90.0136, 98.5223 by changing the saturation by 10% instead.

84.2414, 90.0136,
98.5223

84.2414, 90.0136,
98.5223

497.6361,
528.0751, 576.6507

63.5351, 67.9919,
74.4570

138.2323,
147.3573, 161.1591

46.5345, 49.8912,
54.6691

172.2477,
183.4481, 200.5678

32.8742, 35.3269,
38.7401

211.4301,
224.9974, 245.9279

22.1889, 23.9148,
26.2513

256.1450,
272.3896, 297.6582

14.1131, 15.2704,
16.7843

306.7577,
326.0090, 356.1770

8.2816, 9.0094,
9.9205

363.6336,

4.3290, 4.7473,

386.2402, 421.9031

5.2414

427.1379,
453.4674, 495.2548

■ 1.8899, 2.0998,
2.3284

■ 0.5710, 0.6645,
0.7470

■ 84.2414, 90.0136,
98.5223

■ 84.2414, 90.0136,
98.5223

■ 76.0413, 85.8499,
95.3828

■ 90.7620, 93.3154,
101.6399

■ 68.9233, 82.2403,
92.3449

■ 91.3108, 93.5349,
104.5296

■ 62.8419, 79.1639,
89.4080

■ 91.8698, 93.7585,
107.4733

■ 57.7456, 76.5942,
86.5693

■ 91.9441, 93.7883,
107.8647

■ 53.5783, 74.5023,
83.8260

■ 50.2781, 72.8562,
81.1748

■ 47.7758, 71.6204,
78.6123

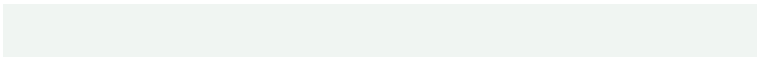
■ 45.9913, 70.7534,
76.1343

■ 44.8276, 70.2054,
73.7360

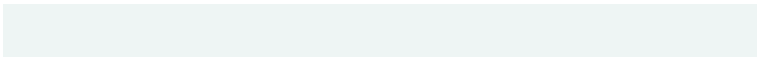
Harmonies

Analogous

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



84.3281, 90.0136, 96.5689



84.2414, 90.0136, 98.5223



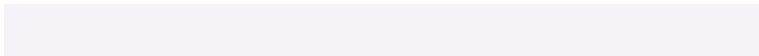
84.5052, 90.0136, 100.3625

Triad

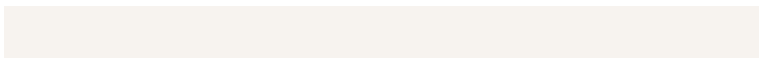
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2414, 90.0136, 98.5223



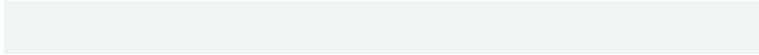
86.3729, 90.0136, 101.0601



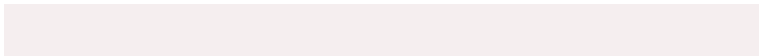
86.0617, 90.0136, 94.5204

Complementary

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



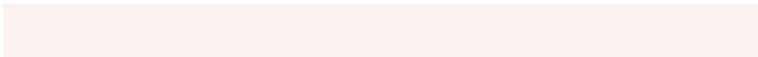
84.2414, 90.0136, 98.5223



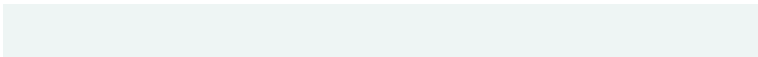
83.8140, 86.7958, 94.0015

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.



86.6139, 90.0136, 95.6936



84.2414, 90.0136, 98.5223



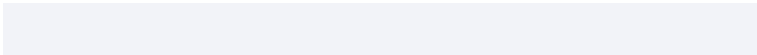
86.7942, 90.0136, 99.4644

Square

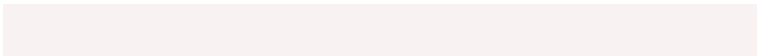
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



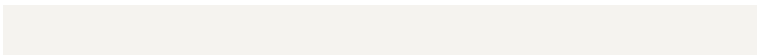
84.2414, 90.0136, 98.5223



85.7341, 90.0136, 101.8405



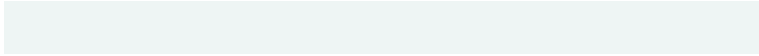
86.8826, 90.0136, 97.4985



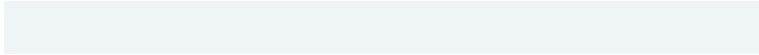
85.3766, 90.0136, 94.2758

Rectangle

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



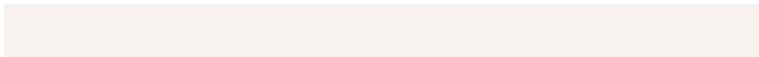
84.2414, 90.0136, 98.5223



84.8453, 90.0136, 101.2714



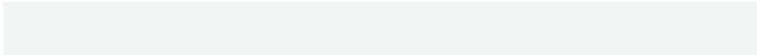
86.8826, 90.0136, 97.4985



86.2692, 90.0136, 94.8185

Sweetspot

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



84.2440, 90.0174, 98.5243



94.0593, 99.4960, 108.5467



83.7012, 89.8412, 93.8197



20.1430, 21.3016, 23.2372



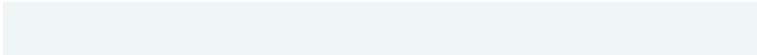
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.2440, 90.0174, 98.5243



92.1152, 98.5074, 107.8437



83.6601, 88.6051, 99.0839



17.9070, 19.2321, 21.0828



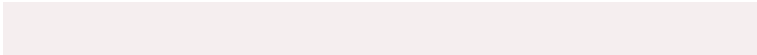
23.8891, 37.7005, 39.0312



2.1270, 3.3245, 3.5747

Inverse Universe

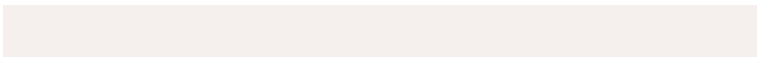
The Inverse Universe completely reimagines the original color for something new.



83.8140, 86.7958, 94.0015



91.6206, 94.8009, 102.6401



84.3847, 88.1739, 93.4619



17.7852, 18.3201, 19.8025



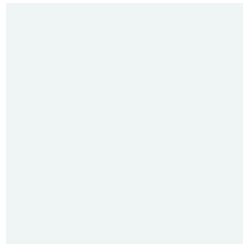
20.4804, 10.5356, 1.9720



1.8290, 0.9376, 0.3260

Previews

White Background



This preview shows how the XYZ color 84.2414, 90.0136, 98.5223 looks on a white background.

Color Contrast Check

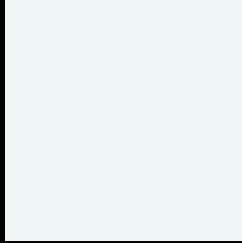
Large Text (above 18pt) WCAG AA × Fail

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 84.2414, 90.0136, 98.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

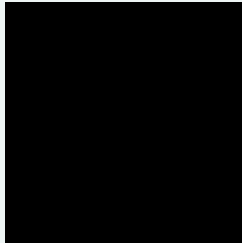
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

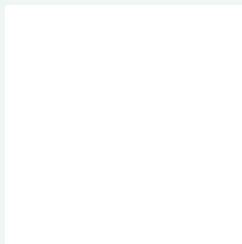
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2414, 90.0136, 98.5223

Background



This preview shows how black text looks on a background with the XYZ color 84.2414, 90.0136, 98.5223.



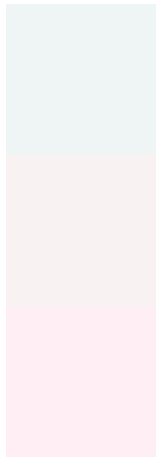
This preview shows how white text looks on a background with the XYZ color 84.2414, 90.0136,

98.5 23.

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

84.2414, 90.0136, 98.5223

Protanopia

86.4905, 89.8715, 96.7928

Deuteranopia

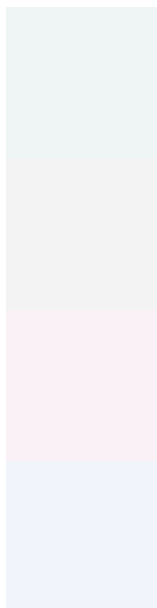
88.5879, 89.5856, 99.0089



Tritanopia

86.7185, 90.1984, 107.4472

Trichromacy



Original Color

84.2414, 90.0136, 98.5223

Protanomaly

85.5365, 89.8053, 97.6199

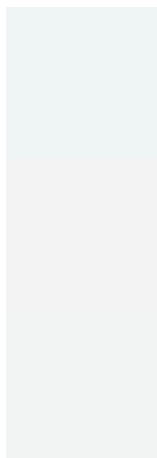
Deuteranomaly

87.0036, 89.6429, 99.1034

Tritanomaly

86.0389, 90.3672, 104.1747

Monochromacy



Original Color

84.2414, 90.0136, 98.5223

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.8040, 89.8732, 97.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2414, 90.0136, 98.5223 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(238, 245, 244) looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 244)  
}
```

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(238, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.2414, 90.0136, 98.5223 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(238, 245, 244) }
```


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

```
.border{ border-color:rgb(238, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 245, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 245, 244); box-shadow:4px 4px 4px 4px rgb(238, 245, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2414, 90.0136, 98.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 244) }
```

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

```
.background{ background-color: rgb(238,  
245, 244) }
```

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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