

Converting Colors

XYZ(85.9023, 90.1138, 92.2230)

Have a look what the booklet for
XYZ(85.9023, 90.1138, 92.2230)
contains.

XYZ(85.9023, 90.1138, 92.2230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.9023, 90.1138,
92.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F3EC
RGB	248, 243, 236
RGB Percent	97%, 95%, 93%
CMY	0.0274, 0.0470, 0.0745
CMYK	0.00, 0.02, 0.05, 0.03
HSL	35°, 46%, 95%
HSV	35°, 5%, 97%
XYZ	85.9023, 90.1138, 92.2230
YIQ	243.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

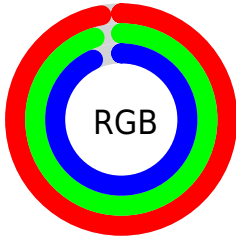
Format	Color
R _Y B	245, 248, 236
Decimal	16315372
CIE Lab	96.04, 0.47, 3.95
CIE LCh	96, 3.978, 83.172
Yxy	90.1138, 0.3202, 0.3359
Android (android.graphics.Color)	4294505452 (0xFF8F3EC)
YUV	243.6970, -3.7946, 3.7737
Hunter-Lab	94.9283, -4.5967, 8.8495

Details

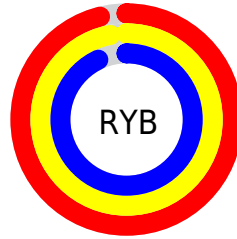
The XYZ color **85.9023, 90.1138, 92.2230** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9905, 87.5193, 101.3268**, and the grayscale version is **85.7755, 90.2426, 98.2741**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7468, 50.0424, 50.3226** is the 20% darker color. If you saturate the color by 10%, you get **79.5440, 82.7680, 73.5440**, and if you desaturate by 10%, it is **91.9914, 97.6358, 108.6049**.

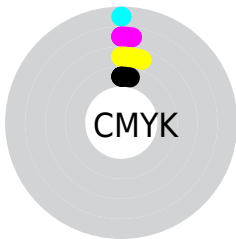
Distribution



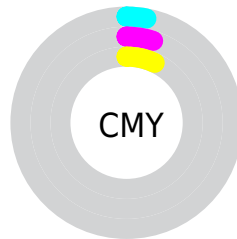
- Red (97%)
- Green (95%)
- Blue (93%)



- Red (96%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9023, 90.1138, 92.2230 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 85.9023, 90.1138, 92.2230 by changing the saturation by 10% instead.

85.9023, 90.1138,
92.2230

85.9023, 90.1138,
92.2230

503.0478,
528.4010, 555.9916

64.9122, 68.0750,
69.2418

140.5407,
147.4965, 152.3848

47.6543, 49.9588,
50.4357

174.9196,
183.6091, 190.4025

33.7633, 35.3806,
35.3861

214.4923,
225.1819, 234.2694

22.8739, 23.9562,
23.6745

259.6239,
272.5992, 284.4041

14.6206, 15.3012,
14.8824

310.6799,
326.2453, 341.2251

8.6381, 9.0310,
8.5912

368.0257,

4.5611, 4.7614,

386.5047, 405.1510

4.3823

432.0265,
453.7618, 476.6003

■ 2.0242, 2.1080,
1.8374

■ 0.6475, 0.6691,
0.4524

■ 85.9023, 90.1138,
92.2230

■ 85.9023, 90.1138,
92.2230

■ 79.5440, 82.7680,
73.5440

■ 91.9914, 97.6358,
108.6049

■ 73.8340, 75.9520,
57.4472

■ 92.5219, 98.6967,
108.7817

■ 68.7501, 69.6553,
43.8182

■ 64.2656, 63.8624,
32.5317

■ 60.3517, 58.5570,
23.4513

■ 56.9770, 53.7213,
16.4262

■ 54.1060, 49.3361,
11.2864

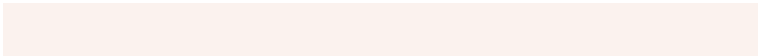
■ 51.6981, 45.3797,
7.8345

■ 49.7041, 41.8269,
5.8278

Harmonies

Analogous

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



86.9252, 90.1138, 93.3468



85.9023, 90.1138, 92.2230



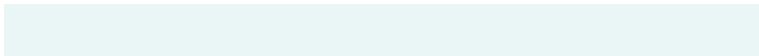
84.8204, 90.1138, 92.6516

Triad

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



85.9023, 90.1138, 92.2230



83.7196, 90.1138, 100.5229



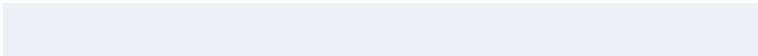
87.3556, 90.1138, 101.7965

Complementary

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



85.9023, 90.1138, 92.2230



82.9905, 87.5193, 101.3268

Split Complementary

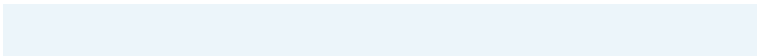
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4859, 90.1138, 103.7966



85.9023, 90.1138, 92.2230



84.3882, 90.1138, 103.0503

Square

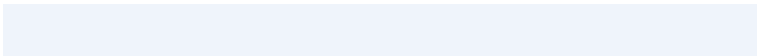
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



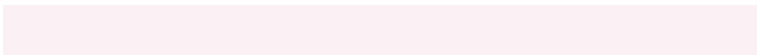
85.9023, 90.1138, 92.2230



83.5664, 90.1138, 97.3998



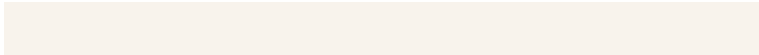
85.3991, 90.1138, 104.2603



87.7689, 90.1138, 98.8409

Rectangle

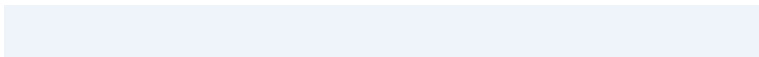
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9023, 90.1138, 92.2230



84.2107, 90.1138, 93.7645



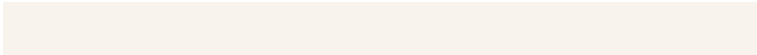
85.3991, 90.1138, 104.2603



87.1066, 90.1138, 102.6054

Sweetspot

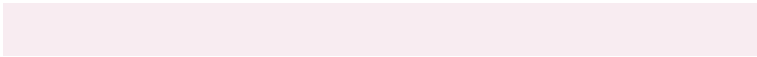
The Sweet Spot groups the original color and five complimentary colors.



85.9048, 90.1177, 92.2249



94.3044, 99.1614, 106.6395



84.5852, 86.2995, 95.4196



20.1929, 21.2335, 22.8491



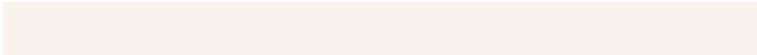
0.0000, 0.0000, 0.0000



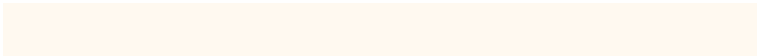
20.3446, 21.4041, 23.3091

Same Dimension

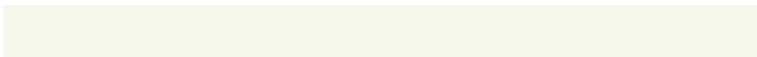
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9048, 90.1177, 92.2249



90.6853, 95.0568, 95.7728



87.0666, 92.9662, 92.7135



18.4894, 19.3719, 19.3498



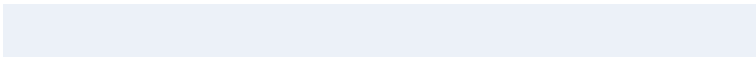
26.5037, 21.9641, 2.8426



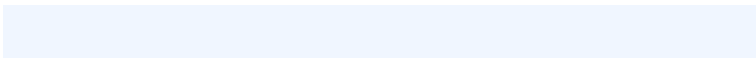
2.5593, 2.2435, 0.2982

Inverse Universe

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



82.9905, 87.5193, 101.3268



86.8602, 91.6464, 107.7192



81.8650, 84.7741, 100.8563



17.6258, 18.6019, 22.0468



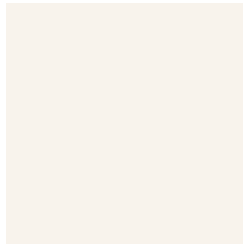
11.9166, 9.1888, 49.1191



1.2056, 1.0549, 4.5832

Previews

White Background



This preview shows how the XYZ color 85.9023, 90.1138, 92.2230 looks on a white background.

Color Contrast Check

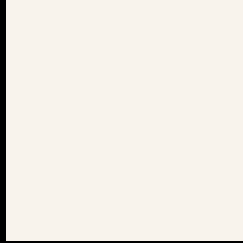
Large Text (above 18pt) WCAG AA × Fail

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 85.9023, 90.1138, 92.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

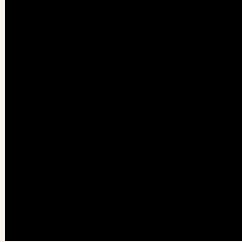
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

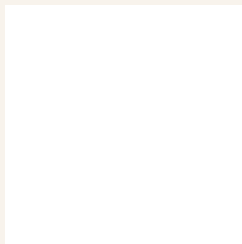
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9023, 90.1138, 92.2230

Background



This preview shows how black text looks on a background with the XYZ color 85.9023, 90.1138, 92.2230.

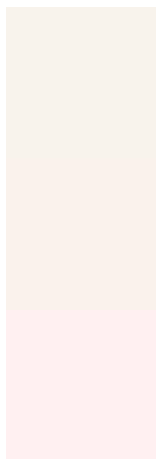


This preview shows how white text looks on a background with the XYZ color 85.9023, 90.1138,

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

85.9023, 90.1138, 92.2230

Protanopia

86.3168, 89.8844, 92.1569

Deuteranopia

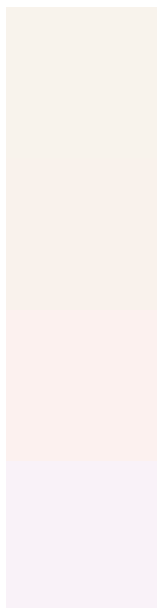
88.2773, 89.9311, 95.9248



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

85.9023, 90.1138, 92.2230

Protanomaly

85.9594, 89.7001, 92.1402

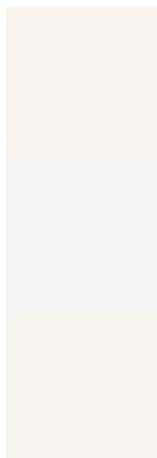
Deuteranomaly

87.1802, 89.8380, 94.4069

Tritanomaly

87.7623, 90.4213, 101.6344

Monochromacy



Original Color

85.9023, 90.1138, 92.2230

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.8841, 90.4647, 96.1540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9023, 90.1138, 92.2230 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(248, 243, 236) looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 236)  
}
```

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(248, 243, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.9023, 90.1138, 92.2230 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(248, 243, 236) }
```


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

```
.border{ border-color:rgb(248, 243, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 243, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9023, 90.1138, 92.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 236) }
```

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

```
.background{ background-color: rgb(248,  
243, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor