

Converting Colors

XYZ(85.3833, 88.7902, 92.2677)

Have a look what the booklet for
XYZ(85.3833, 88.7902, 92.2677)
contains.

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Color

**XYZ(85.3070, 88.9232,
92.0246)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F1EC
RGB	248, 241, 236
RGB Percent	97%, 95%, 93%
CMY	0.0274, 0.0549, 0.0745
CMYK	0.00, 0.03, 0.05, 0.03
HSL	25°, 46%, 95%
HSV	25°, 5%, 97%
XYZ	85.3070, 88.9232, 92.0246
YIQ	242.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

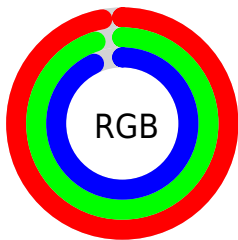
Format	Color
R _Y B	248, 245, 236
Decimal	16314860
CIE Lab	95.55, 1.49, 3.23
CIE LCh	96, 3.558, 65.241
Yxy	88.9232, 0.3204, 0.3340
Android (android.graphics.Color)	4294504940 (0xFFFF8F1EC)
YUV	242.5230, -3.2158, 4.8033
Hunter-Lab	94.2991, -3.5447, 8.1494

Details

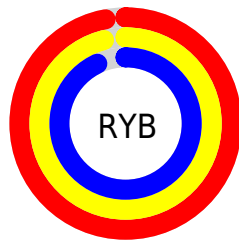
The XYZ color **85.3070, 88.9232, 92.0246** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5858, 88.7099, 101.5252**, and the grayscale version is **84.8361, 89.2542, 97.1978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3254, 49.1997, 50.1822** is the 20% darker color. If you saturate the color by 10%, you get **77.8408, 79.3615, 72.9762**, and if you desaturate by 10%, it is **92.5218, 98.6967, 108.7817**.

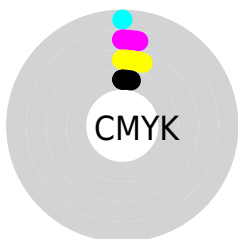
Distribution



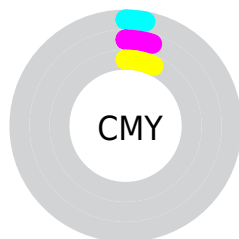
- Red (97%)
- Green (95%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3070, 88.9232, 92.0246 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 85.3070, 88.9232, 92.0246 by changing the saturation by 10% instead.

85.3070, 88.9232,
92.0246

85.3070, 88.9232,
92.0246

501.1118,
524.5218, 555.3342

64.4184, 67.0879,
69.0779

139.7138,
145.8418, 152.1075

47.2526, 49.1561,
50.3030

173.9628,
181.6938, 190.0808

33.4442, 34.7433,
35.2814

213.3960,
222.9869, 233.9000

22.6278, 23.4652,
23.5944

258.3786,
270.1054, 283.9837

14.4381, 14.9374,
14.8236

309.2762,
323.4338, 340.7504

8.5097, 8.7755,
8.5504

366.4540,

4.4773, 4.5950,

383.3564, 404.6187

4.3564

430.2774,
450.2576, 476.0071

■ 1.9756, 2.0117,
1.8228

■ 0.6202, 0.6142,
0.4429

■ 85.3070, 88.9232,
92.0246

■ 85.3070, 88.9232,
92.0246

■ 77.8408, 79.3615,
72.9762

■ 92.5218, 98.6967,
108.7817

■ 71.1838, 70.6515,
56.5638

■ 65.3085, 62.7720,
42.6710

■ 60.1828, 55.6968,
31.1708

■ 55.7722, 49.3979,
21.9248

■ 52.0391, 43.8456,
14.7802

■ 48.9418, 39.0078,
9.5650

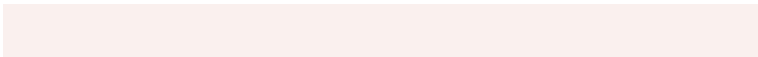
■ 46.4328, 34.8491,
6.0794

■ 44.4555, 31.3299,
4.0783

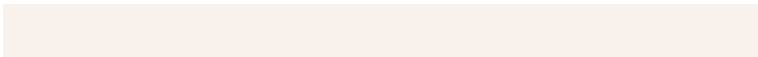
Harmonies

Analogous

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



86.0604, 88.9232, 93.7549



85.3070, 88.9232, 92.0246



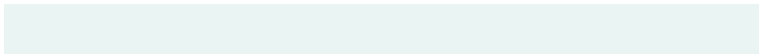
84.3476, 88.9232, 91.5696

Triad

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



85.3070, 88.9232, 92.0246



82.6643, 88.9232, 97.3139



85.6060, 88.9232, 101.2772

Complementary

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



85.3070, 88.9232, 92.0246



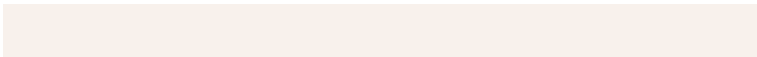
83.5858, 88.7099, 101.5252

Split Complementary

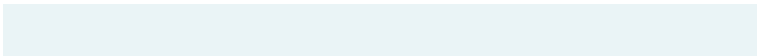
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6903, 88.9232, 102.2720



85.3070, 88.9232, 92.0246



82.9958, 88.9232, 99.9558

Square

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



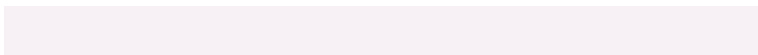
85.3070, 88.9232, 92.0246



82.8266, 88.9232, 94.5894



83.7355, 88.9232, 101.7838



86.2340, 88.9232, 99.0900

Rectangle

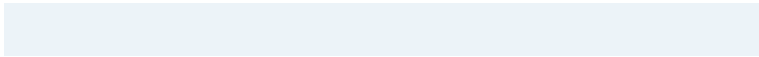
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



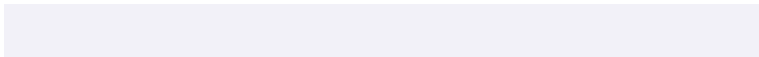
85.3070, 88.9232, 92.0246



83.7213, 88.9232, 92.0431



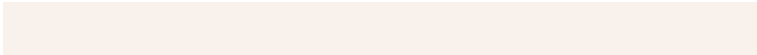
83.7355, 88.9232, 101.7838



85.3214, 88.9232, 101.7641

Sweetspot

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



85.3095, 88.9271, 92.0265



94.1697, 98.8920, 106.5946



84.8857, 86.4197, 97.0019



20.1655, 21.1787, 22.8399



0.0000, 0.0000, 0.0000



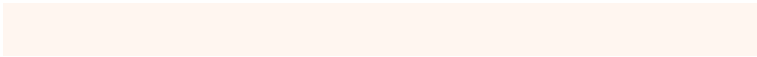
20.3446, 21.4041, 23.3091

Same Dimension

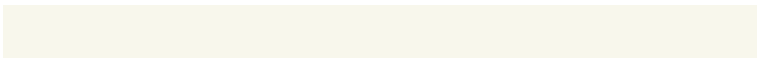
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3095, 88.9271, 92.0265



89.9040, 93.4941, 95.5123



87.1136, 92.5352, 92.6279



18.3130, 19.0191, 19.2910



23.6860, 16.3286, 1.9034



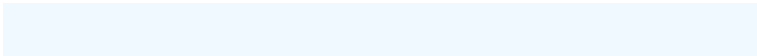
2.2957, 1.7163, 0.2103

Inverse Universe

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



83.5858, 88.7099, 101.5252



87.6415, 93.2090, 107.9797



81.8208, 85.1799, 100.9369



17.8022, 18.9547, 22.1056



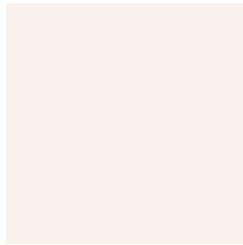
14.7292, 14.8139, 50.0566



1.4689, 1.5814, 4.6710

Previews

White Background



This preview shows how the XYZ color 85.3070, 88.9232, 92.0246 looks on a white background.

Color Contrast Check

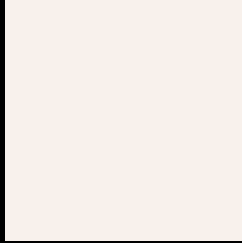
Large Text (above 18pt) WCAG AA × Fail

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 85.3070, 88.9232, 92.0246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

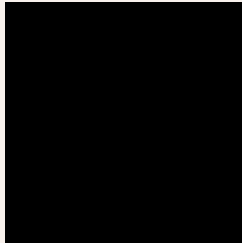
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

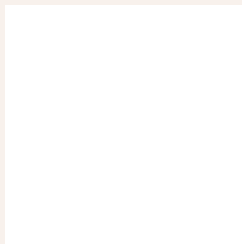
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3070, 88.9232, 92.0246

Background



This preview shows how black text looks on a background with the XYZ color 85.3070, 88.9232, 92.0246.



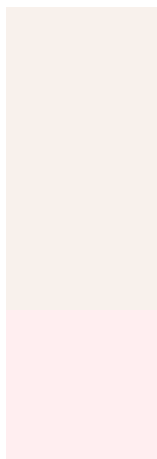
This preview shows how white text looks on a background with the XYZ color 85.3070, 88.9232,

92.046.

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

85.3070, 88.9232, 92.0246

Protanopia

85.3070, 88.9232, 92.0246

Deuteranopia

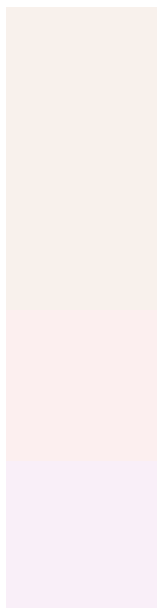
87.5427, 88.7003, 94.9450



Tritanopia

88.0489, 88.6931, 107.0865

Trichromacy



Original Color

85.3070, 88.9232, 92.0246

Protanomaly

85.3070, 88.9232, 92.0246

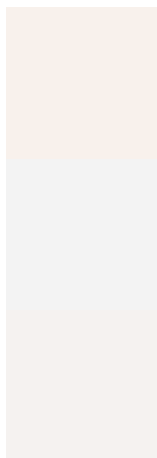
Deuteranomaly

86.5914, 88.6604, 94.2107

Tritanomaly

86.8767, 88.6501, 101.3392

Monochromacy



Original Color

85.3070, 88.9232, 92.0246

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1365, 89.2080, 95.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3070, 88.9232, 92.0246 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, 241, 236) looks like.

```
.text, #text, p{  
    color:rgb(248, 241, 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, 241, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.3070, 88.9232, 92.0246 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, 241, 236) }
```


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

```
.border{ border-color:rgb(248, 241, 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, 241, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3070, 88.9232, 92.0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 236) }
```

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

```
.background{ background-color: rgb(248,  
241, 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](#).

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