

Converting Colors

XYZ(83.7099, 88.4532, 91.3974)

Have a look what the booklet for
XYZ(83.7099, 88.4532, 91.3974)
contains.

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Color

**XYZ(83.7097, 88.5571,
91.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2EB
RGB	243, 242, 235
RGB Percent	95%, 95%, 92%
CMY	0.0471, 0.0510, 0.0784
CMYK	0.00, 0.00, 0.03, 0.05
HSL	53°, 25%, 94%
HSV	53°, 3%, 95%
XYZ	83.7097, 88.5571, 91.2785
YIQ	241.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

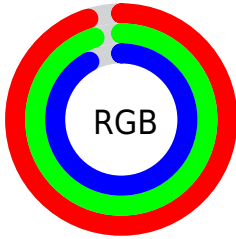
Format	Color
R _Y B	236, 243, 235
Decimal	15987435
CIE Lab	95.40, -0.88, 3.48
CIE LCh	95, 3.588, 104.173
Yxy	88.5571, 0.3176, 0.3360
Android (android.graphics.Color)	4294177515 (0xFFFF3F2EB)
YUV	241.5010, -3.2050, 1.3146
Hunter-Lab	94.1048, -5.9010, 8.3640

Details

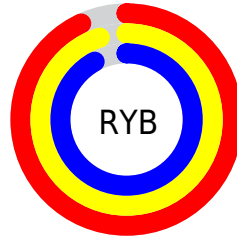
The XYZ color **83.7097, 88.5571, 91.2785** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.4341, 84.1231, 96.7933**, and the grayscale version is **84.0289, 88.4050, 96.2730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1891, 48.9373, 49.6592** is the 20% darker color. If you saturate the color by 10%, you get **79.5441, 85.4651, 73.7360**, and if you desaturate by 10%, it is **87.6743, 91.5982, 107.6670**.

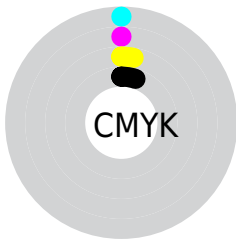
Distribution



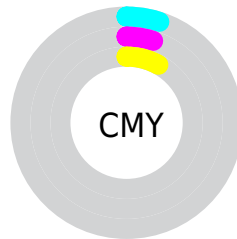
- Red (95%)
- Green (95%)
- Blue (92%)



- Red (93%)
- Yellow (95%)
- Blue (92%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.7097, 88.5571, 91.2785 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 83.7097, 88.5571, 91.2785 by changing the saturation by 10% instead.

83.7097, 88.5571,
91.2785

83.7097, 88.5571,
91.2785

495.8970,
523.3259, 552.8581

63.0947, 66.7845,
68.4618

137.4924,
145.3325, 151.0640

46.1767, 48.9095,
49.8045

171.3908,
181.1041, 188.8700

32.5905, 34.5477,
34.8880

210.4476,
222.3109, 232.5094

21.9707, 23.3147,
23.2938

255.0284,
269.3373, 282.4009

13.9518, 14.8261,
14.6032

305.4983,
322.5675, 338.9630

8.1687, 8.6974,
8.3979

362.2228,

4.2558, 4.5443,

382.3861, 402.6142

4.2592

425.5672,
449.1775, 473.7730

■ 1.8478, 1.9825,
1.7686

■ 0.5462, 0.5973,
0.4071

■ 83.7097, 88.5571,
91.2785

■ 83.7097, 88.5571,
91.2785

■ 79.5441, 85.4651,
73.7360

■ 87.6743, 91.5982,
107.6670

■ 75.8513, 82.5831,
58.6208

■ 88.5970, 93.4436,
107.9746

■ 72.6129, 79.9065,
45.8260

■ 89.5348, 95.3191,
108.2872

■ 69.8067, 77.4262,
35.2349

■ 90.4876, 97.2248,
108.6048

■ 67.4086, 75.1325,
26.7203

■ 90.7727, 97.7950,
108.6998

■ 65.3918, 73.0146,
20.1422

■ 63.7264, 71.0604,
15.3432

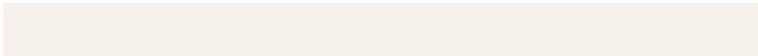
■ 62.3778, 69.2559,
12.1415

■ 61.3040, 67.5843,
10.3161

Harmonies

Analogous

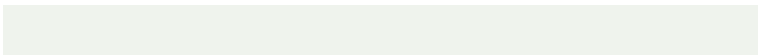
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6865, 88.5571, 91.3174



83.7097, 88.5571, 91.2785



82.8629, 88.5571, 92.5994

Triad

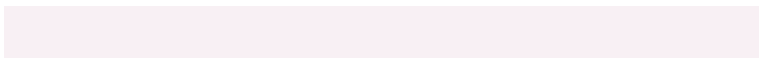
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.7097, 88.5571, 91.2785



82.8247, 88.5571, 100.2385



85.9993, 88.5571, 97.9050

Complementary

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



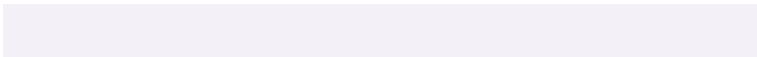
83.7097, 88.5571, 91.2785



80.4341, 84.1231, 96.7933

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.



85.4926, 88.5571, 100.3517



83.7097, 88.5571, 91.2785



83.6573, 88.5571, 101.7167

Square

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



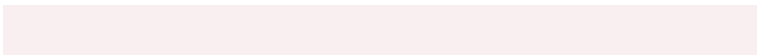
83.7097, 88.5571, 91.2785



82.3546, 88.5571, 97.7529



84.6337, 88.5571, 101.7586



86.0136, 88.5571, 95.1065

Rectangle

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



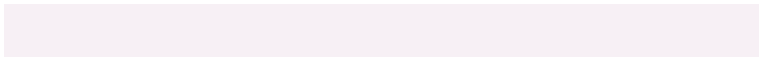
83.7097, 88.5571, 91.2785



82.4838, 88.5571, 94.0885



84.6337, 88.5571, 101.7586



85.8807, 88.5571, 98.7971

Sweetspot

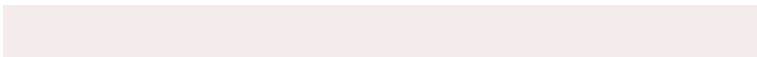
The Sweet Spot groups the original color and five complimentary colors.



83.7122, 88.5609, 91.2804



94.5409, 99.6345, 106.7183



81.8218, 84.5327, 91.4129



20.2410, 21.3297, 22.8651



0.0000, 0.0000, 0.0000



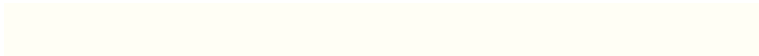
20.3446, 21.4041, 23.3091

Same Dimension

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



83.7122, 88.5609, 91.2804



93.0472, 98.5530, 100.3447



83.0051, 88.6376, 91.3325



18.1667, 19.2647, 19.3695



33.3798, 36.6452, 5.3139



2.9821, 3.3175, 0.4832

Inverse Universe

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



80.4341, 84.1231, 96.7933



88.6134, 92.5504, 107.8013



81.1248, 84.0547, 96.7437



17.1436, 17.8796, 21.0901



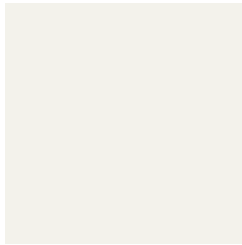
9.1887, 4.1711, 46.8588



0.8596, 0.4706, 4.1358

Previews

White Background



This preview shows how the XYZ color 83.7097, 88.5571, 91.2785 looks on a white background.

Color Contrast Check

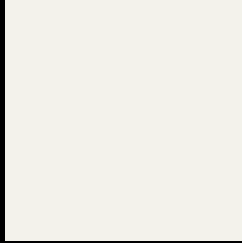
Large Text (above 18pt) WCAG AA × Fail

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 83.7097, 88.5571, 91.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

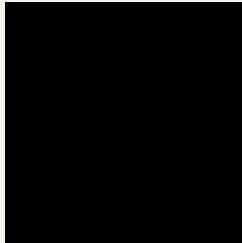
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

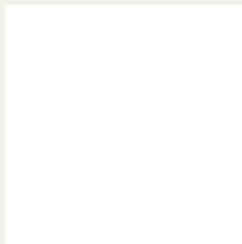
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.7097, 88.5571, 91.2785

Background



This preview shows how black text looks on a background with the XYZ color 83.7097, 88.5571, 91.2785.



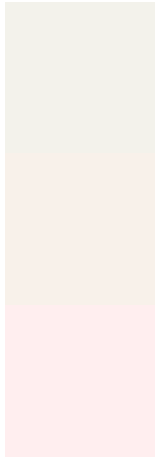
This preview shows how white text looks on a background with the XYZ color 83.7097, 88.5571,

91.2785.

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

83.7097, 88.5571, 91.2785

Protanopia

85.0180, 88.8076, 90.5025

Deuteranopia

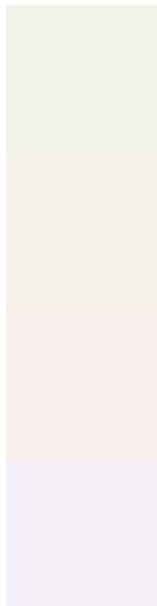
87.3945, 88.6411, 94.1646



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

83.7097, 88.5571, 91.2785

Protanomaly

84.3126, 88.4439, 90.4695

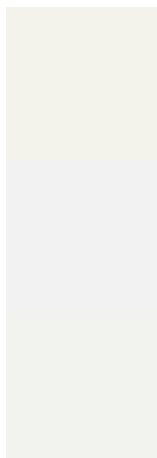
Deuteranomaly

86.0828, 88.4153, 93.4177

Tritanomaly

85.7596, 88.5100, 101.3711

Monochromacy



Original Color

83.7097, 88.5571, 91.2785

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.9501, 88.6135, 94.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7097, 88.5571, 91.2785 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(243, 242, 235) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 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(243, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 235) }
```

Border

The CSS property to change the border of an element to XYZ 83.7097, 88.5571, 91.2785 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(243, 242, 235) }
```


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

```
.border{ border-color:rgb(243, 242, 235) }
```

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

Here you see how a box with a 4 pixel rgb(243, 242, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7097, 88.5571, 91.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 235) }
```

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

```
.background{ background-color: rgb(243,  
242, 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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