

Converting Colors

XYZ(84.7715, 88.0432, 90.3985)

Have a look what the booklet for
XYZ(84.7715, 88.0432, 90.3985)
contains.

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Color

**XYZ(84.7228, 88.2171,
90.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F0EA
RGB	248, 240, 234
RGB Percent	97%, 94%, 92%
CMY	0.0274, 0.0588, 0.0823
CMYK	0.00, 0.03, 0.06, 0.03
HSL	26°, 50%, 95%
HSV	26°, 6%, 97%
XYZ	84.7228, 88.2171, 90.4041
YIQ	241.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

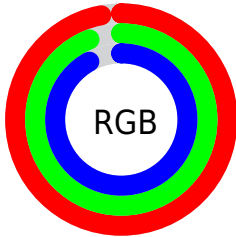
Format	Color
R _Y B	248, 245, 234
Decimal	16314602
CIE Lab	95.25, 1.66, 3.84
CIE LCh	95, 4.181, 66.572
Yxy	88.2171, 0.3217, 0.3350
Android (android.graphics.Color)	4294504682 (0xFF8F0EA)
YUV	241.7080, -3.8000, 5.5181
Hunter-Lab	93.9240, -3.3535, 8.6787

Details

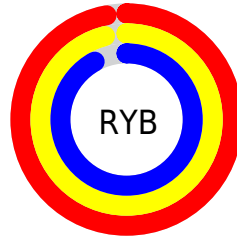
The XYZ color **84.7228, 88.2171, 90.4041** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6271, 87.7728, 101.3951**, and the grayscale version is **84.1948, 88.5794, 96.4630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9146, 48.7018, 49.0472** is the 20% darker color. If you saturate the color by 10%, you get **77.3989, 78.8768, 71.5979**, and if you desaturate by 10%, it is **92.2577, 98.1682, 108.6936**.

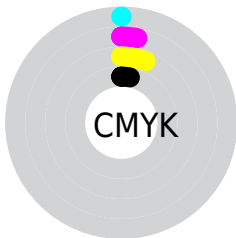
Distribution



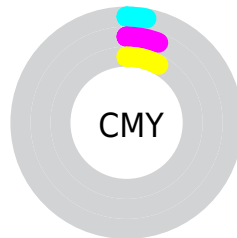
- Red (97%)
- Green (94%)
- Blue (92%)



- Red (97%)
- Yellow (96%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7228, 88.2171, 90.4041 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 84.7228, 88.2171, 90.4041 by changing the saturation by 10% instead.


 84.7228, 88.2171,
90.4041

 84.7228, 88.2171,
90.4041


499.2079,
522.2139, 549.9485

 63.9341, 66.5029,
67.7402


138.9018,
144.8594, 149.8400

 46.8588, 48.6807,
49.2211


173.0229,
180.5562, 187.4491

 33.1315, 34.3663,
34.4280


212.3188,
221.6827, 230.8771

 22.3869, 23.1751,
22.9426

257.1548,
268.6233, 280.5425

 14.2597, 14.7229,
14.3462

307.8964,
321.7623, 336.8637

 8.3844, 8.6251,
8.2204

364.9089,

 4.3958, 4.4975,

381.4841, 400.2595

4.1465

428.5576,
448.1732, 471.1482

■ 1.9284, 1.9556,
1.7061

■ 0.5932, 0.5815,
0.3649

■ 84.7228, 88.2171,
90.4041

■ 84.7228, 88.2171,
90.4041

■ 77.3989, 78.8768,
71.5979

■ 92.2577, 98.1682,
108.6936

■ 70.8688, 70.3602,
55.4140

■ 92.5219, 98.6967,
108.7817

■ 65.1053, 62.6470,
41.7357

■ 60.0768, 55.7117,
30.4353

■ 55.7489, 49.5275,
21.3736

■ 52.0845, 44.0656,
14.3966

■ 49.0420, 39.2949,
9.3306

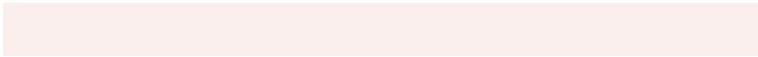
■ 46.5741, 35.1812,
5.9732

■ 44.6239, 31.6858,
4.0746

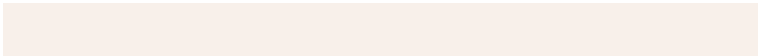
Harmonies

Analogous

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



85.6216, 88.2171, 92.3590



84.7228, 88.2171, 90.4041



83.5969, 88.2171, 89.9472

Triad

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



84.7228, 88.2171, 90.4041



81.6876, 88.2171, 96.7742



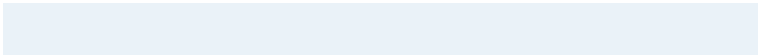
85.1614, 88.2171, 101.1871

Complementary

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



84.7228, 88.2171, 90.4041



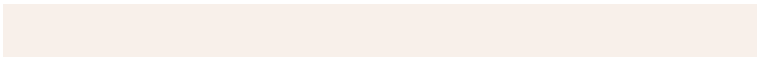
82.6271, 87.7728, 101.3951

Split Complementary

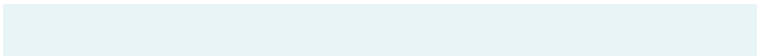
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0990, 88.2171, 102.4299



84.7228, 88.2171, 90.4041



82.0985, 88.2171, 99.8451

Square

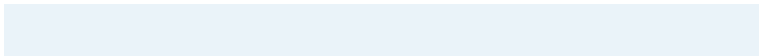
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7228, 88.2171, 90.4041



81.8512, 88.2171, 93.5775



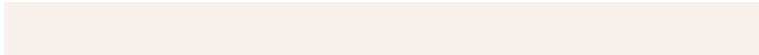
82.9787, 88.2171, 101.9333



85.8764, 88.2171, 98.5727

Rectangle

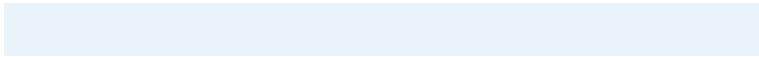
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7228, 88.2171, 90.4041



82.8704, 88.2171, 90.5441



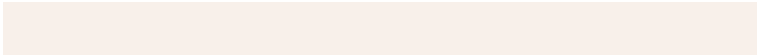
82.9787, 88.2171, 101.9333



84.8327, 88.2171, 101.7818

Sweetspot

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



84.7253, 88.2209, 90.4060



93.3174, 97.8315, 104.3253



84.1875, 85.2242, 96.1497



19.9920, 20.9628, 22.3778



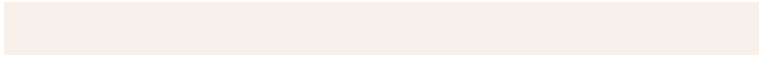
0.0000, 0.0000, 0.0000



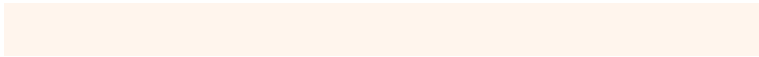
20.3446, 21.4041, 23.3091

Same Dimension

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



84.7253, 88.2209, 90.4060



89.1415, 92.5703, 93.4053



86.7738, 92.3179, 91.0888



18.1676, 18.8440, 18.8855



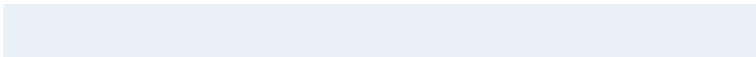
23.8490, 16.6546, 1.9577



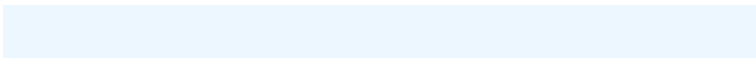
2.3117, 1.7482, 0.2156

Inverse Universe

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



82.6271, 87.7728, 101.3951



86.3914, 91.9829, 107.8089



80.6323, 83.7832, 100.7302



17.5591, 18.7141, 22.0720



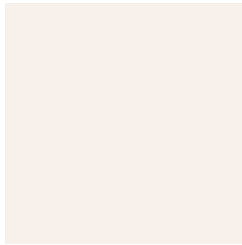
14.4913, 14.3382, 49.9773



1.4474, 1.5384, 4.6638

Previews

White Background



This preview shows how the XYZ color 84.7228, 88.2171, 90.4041 looks on a white background.

Color Contrast Check

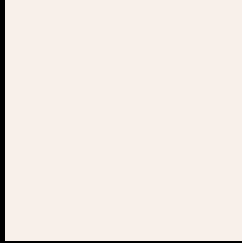
Large Text (above 18pt) WCAG AA × Fail

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 84.7228, 88.2171, 90.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

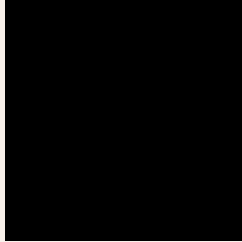
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

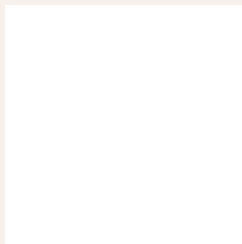
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7228, 88.2171, 90.4041

Background



This preview shows how black text looks on a background with the XYZ color 84.7228, 88.2171, 90.4041.



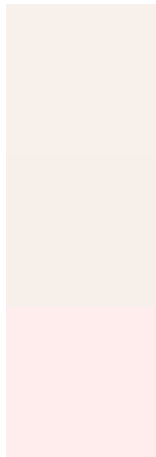
This preview shows how white text looks on a background with the XYZ color 84.7228, 88.2171,

90.441.

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

84.7228, 88.2171, 90.4041

Protanopia

84.3691, 88.0348, 90.3876

Deuteranopia

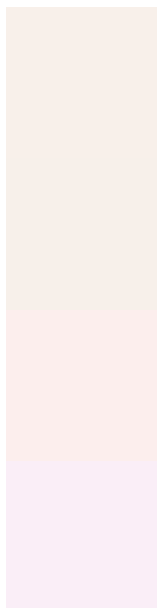
86.9568, 88.0014, 93.2918



Tritanopia

88.1178, 88.2976, 107.0066

Trichromacy



Original Color

84.7228, 88.2171, 90.4041

Protanomaly

84.3691, 88.0348, 90.3876

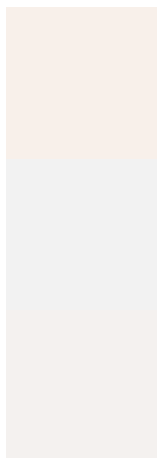
Deuteranomaly

86.0055, 87.9589, 92.5656

Tritanomaly

86.7874, 88.1885, 100.4436

Monochromacy



Original Color

84.7228, 88.2171, 90.4041

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3435, 88.3757, 94.2742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7228, 88.2171, 90.4041 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, 240, 234) looks like.

```
.text, #text, p{  
    color:rgb(248, 240, 234)  
}
```

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, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 234) }
```

Border

The CSS property to change the border of an element to XYZ 84.7228, 88.2171, 90.4041 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, 240, 234) }
```


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

```
.border{ border-color:rgb(248, 240, 234) }
```

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

Here you see how a box with a 4 pixel rgb(248, 240, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7228, 88.2171, 90.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 240, 234) }
```

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

```
.background{ background-color: rgb(248,  
240, 234) }
```

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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