

Converting Colors

XYZ(111.9709, 103.1555,
75.9590)

Have a look what the booklet for
XYZ(111.9709, 103.1555, 75.9590)
contains.

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Color

**XYZ(84.4532, 88.8737,
74.3312)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D3
RGB	255, 241, 211
RGB Percent	100%, 95%, 83%
CMY	0.0000, 0.0549, 0.1725
CMYK	0.00, 0.05, 0.17, 0.00
HSL	41°, 100%, 91%
HSV	41°, 17%, 100%
XYZ	84.4532, 88.8737, 74.3312
YIQ	241.7660, 17.9740, -6.3620

Conversions

Conversions Part 2

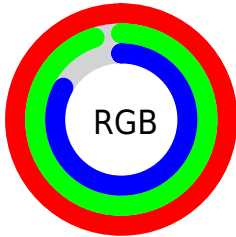
Format	Color
R_{YB}	232, 255, 211
Decimal	16773587
CIE Lab	95.53, -0.04, 16.19
CIE LCh	96, 16.186, 90.125
Yxy	88.8737, 0.3410, 0.3589
Android (android.graphics.Color)	4294963667 (0xFFFFF1D3)
YUV	241.7660, -15.1676, 11.6062
Hunter-Lab	94.2728, -5.0704, 19.2427

Details

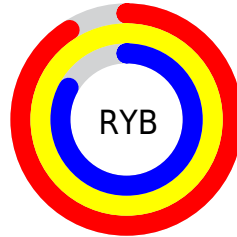
The XYZ color **84.4532, 88.8737, 74.3312** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.8386, 74.9173, 105.2819**, and the grayscale version is **84.3210, 88.7123, 96.6077**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6384, 49.1040, 38.4724** is the 20% darker color. If you saturate the color by 10%, you get **79.1594, 83.0028, 58.0262**, and if you desaturate by 10%, it is **90.3651, 95.1688, 93.3464**.

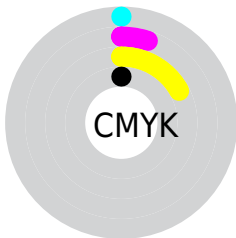
Distribution



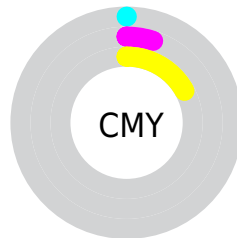
- Red (100%)
- Green (95%)
- Blue (83%)



- Red (91%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4532, 88.8737, 74.3312 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 84.4532, 88.8737, 74.3312 by changing the saturation by 10% instead.


 84.4532, 88.8737,
74.3312

 84.4532, 88.8737,
74.3312


498.3280,
524.3602, 494.8096

 63.7106, 67.0469,
54.5667


138.5269,
145.7729, 127.1036

 46.6772, 49.1227,
38.6587


172.5888,
181.6141, 160.9485

 32.9874, 34.7168,
26.1885


211.8212,
222.8955, 200.3241

 22.2760, 23.4448,
16.7377

256.5894,
270.0016, 245.6488

 14.1776, 14.9223,
9.8877

307.2589,
323.3167, 297.3412

 8.3268, 8.7649,
5.2199

364.1949,

 4.3583, 4.5881,

383.2253, 355.8197

2.3159

427.7628,
450.1116, 421.5030

■ 1.9068, 2.0077,
0.7401

■ 0.5808, 0.6119,
0.0000

■ 84.4532, 88.8737,
74.3312

■ 84.4532, 88.8737,
74.3312

■ 79.1594, 83.0028,
58.0262

■ 90.3651, 95.1688,
93.3464

■ 74.4525, 77.5325,
44.2998

95.0500, 100.0000,
108.9000

■ 70.3073, 72.4535,
33.0176

■ 66.6942, 67.7517,
24.0308

■ 63.5804, 63.4115,
17.1742

■ 60.9289, 59.4158,
12.2603

■ 58.6966, 55.7450,
9.0687

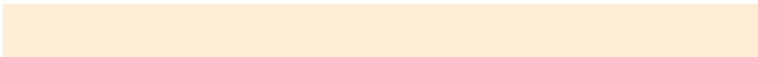
■ 56.8278, 52.3742,
7.3151

■ 56.3559, 51.4918,
6.9686

Harmonies

Analogous

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



88.7936, 88.8737, 77.0882



84.4532, 88.8737, 74.3312



80.2614, 88.8737, 77.1339

Triad

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



84.4532, 88.8737, 74.3312



77.3046, 88.8737, 109.5580



92.0885, 88.8737, 109.4579

Complementary

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



84.4532, 88.8737, 74.3312



71.8386, 74.9173, 105.2819

Split Complementary

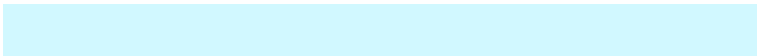
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8269, 88.8737, 119.4804



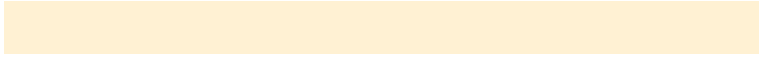
84.4532, 88.8737, 74.3312



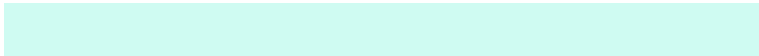
80.2925, 88.8737, 119.5417

Square

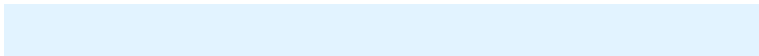
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4532, 88.8737, 74.3312



76.2234, 88.8737, 96.8216



84.4904, 88.8737, 123.3194



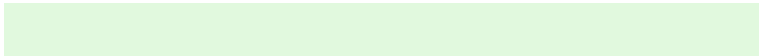
93.2948, 88.8737, 96.7151

Rectangle

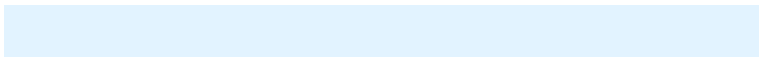
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4532, 88.8737, 74.3312



78.0913, 88.8737, 81.9320



84.4904, 88.8737, 123.3194



91.1906, 88.8737, 113.2956

Sweetspot

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



84.4552, 88.8775, 74.3331



91.7845, 96.6457, 98.0183



78.2167, 73.3223, 81.7430



19.5502, 20.5871, 20.6649



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

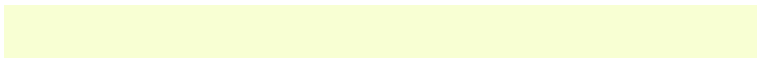
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4552, 88.8775, 74.3331



82.4009, 86.6288, 67.9143



86.1115, 96.1189, 75.6435



19.0455, 20.0591, 19.0123



29.5876, 27.1865, 3.6881



2.9793, 2.8440, 0.3919

Inverse Universe

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



71.8386, 74.9173, 105.2819



67.4551, 70.0931, 104.5818



70.3584, 68.7666, 104.1727



17.4745, 18.3206, 22.8652



11.0911, 7.0918, 50.2189



1.1734, 0.8774, 4.9208

Previews

White Background



This preview shows how the XYZ color 84.4532, 88.8737, 74.3312 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 84.4532, 88.8737, 74.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

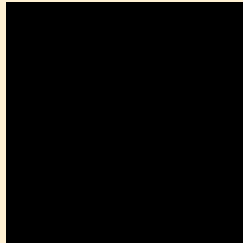
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4532, 88.8737, 74.3312

Background



This preview shows how black text looks on a background with the XYZ color 84.4532, 88.8737, 74.3312.



This preview shows how white text looks on a background with the XYZ color 84.4532, 88.8737,

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

84.4532, 88.8737, 74.3312

Protanopia

84.0862, 88.6846, 74.3140

Deuteranopia

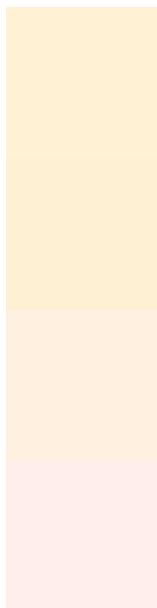
86.6720, 88.8192, 88.9196



Tritanopia

88.7795, 88.7305, 102.8900

Trichromacy



Original Color

84.4532, 88.8737, 74.3312

Protanomaly

84.0862, 88.6846, 74.3140

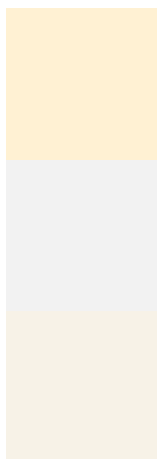
Deuteranomaly

85.8546, 88.9620, 83.1674

Tritanomaly

86.9549, 88.4652, 91.8494

Monochromacy



Original Color

84.4532, 88.8737, 74.3312

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5337, 89.0479, 88.3339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4532, 88.8737, 74.3312 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(255, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 211)  
}
```

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(255, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 211) }
```

Border

The CSS property to change the border of an element to XYZ 84.4532, 88.8737, 74.3312 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(255, 241, 211) }
```


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

```
.border{ border-color:rgb(255, 241, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4532, 88.8737, 74.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 211) }
```

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

```
.background{ background-color: rgb(255,  
241, 211) }
```

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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