

Converting Colors

XYZ(95.2408, 97.2727, 72.0833)

Have a look what the booklet for
XYZ(95.2408, 97.2727, 72.0833)
contains.

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Color

**XYZ(85.6413, 92.2378,
71.6824)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7CE
RGB	255, 247, 206
RGB Percent	100%, 97%, 81%
CMY	0.0000, 0.0313, 0.1921
CMYK	0.00, 0.03, 0.19, 0.00
HSL	50°, 100%, 90%
HSV	50°, 19%, 100%
XYZ	85.6413, 92.2378, 71.6824
YIQ	244.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

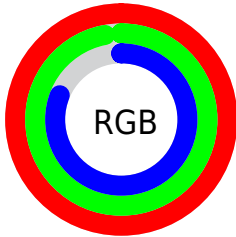
Format	Color
R _Y B	216, 255, 206
Decimal	16775118
CIE Lab	96.92, -3.78, 20.70
CIE LCh	97, 21.042, 100.355
Yxy	92.2378, 0.3432, 0.3696
Android (android.graphics.Color)	4294965198 (0xFFFFF7CE)
YUV	244.7180, -19.0880, 9.0173
Hunter-Lab	96.0405, -8.8988, 22.9757

Details

The XYZ color **85.6413, 92.2378, 71.6824** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.5496, 68.4330, 104.2564**, and the grayscale version is **86.7048, 91.2202, 99.3389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5870, 51.5344, 37.1448** is the 20% darker color. If you saturate the color by 10%, you get **81.5341, 88.5851, 56.2500**, and if you desaturate by 10%, it is **90.2841, 96.1564, 89.7751**.

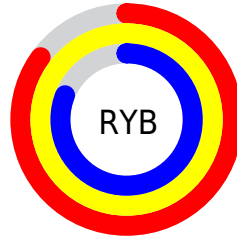
Distribution



Red (100%)

Green (97%)

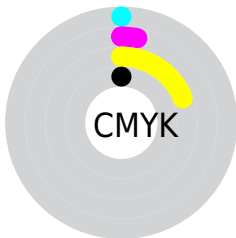
Blue (81%)



Red (85%)

Yellow (100%)

Blue (81%)

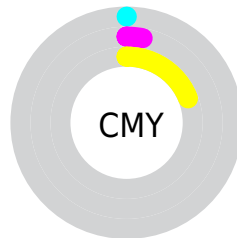


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6413, 92.2378, 71.6824 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 85.6413, 92.2378, 71.6824 by changing the saturation by 10% instead.


 85.6413, 92.2378,
71.6824

 85.6413, 92.2378,
71.6824


502.1995,
535.2838, 485.3832

 64.6957, 69.8382,
52.4140

140.1782,
150.4429, 123.3084

 47.4781, 51.3946,
36.9507


174.5002,
187.0172, 156.5031

 33.6233, 36.5227,
24.8738

214.0118,
229.0852, 195.1770

 22.7659, 24.8382,
15.7649

259.0782,
277.0312, 239.7486

 14.5405, 15.9565,
9.2054

310.0648,
331.2396, 290.6365

 8.5817, 9.4934,
4.7768

367.3370,

 4.5243, 5.0644,

392.0950, 348.2592

2.0604

431.2601,
459.9815, 413.0352

■ 2.0028, 2.2851,
0.5921

■ 0.6355, 0.7658,
0.0000

■ 85.6413, 92.2378,
71.6824

■ 85.6413, 92.2378,
71.6824

■ 81.5341, 88.5851,
56.2500

■ 90.2841, 96.1564,
89.7751

■ 77.9313, 85.1761,
43.3444

95.0500, 100.0000,
108.9000

■ 74.8088, 82.0041,
32.8298

■ 72.1376, 79.0572,
24.5547

■ 69.8857, 76.3222,
18.3507

■ 68.0162, 73.7841,
14.0253

■ 66.4856, 71.4252,
11.3499

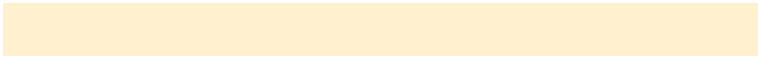
■ 65.2282, 69.2189,
9.9802

■ 65.1348, 69.0497,
9.8949

Harmonies

Analogous

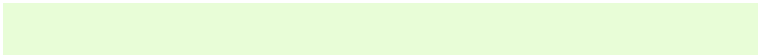
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5478, 92.2378, 72.7782



85.6413, 92.2378, 71.6824



80.5108, 92.2378, 77.6034

Triad

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



85.6413, 92.2378, 71.6824



79.2867, 92.2378, 123.0276



98.8199, 92.2378, 111.7819

Complementary

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



85.6413, 92.2378, 71.6824



67.5496, 68.4330, 104.2564

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.



95.2400, 92.2378, 127.3470



85.6413, 92.2378, 71.6824



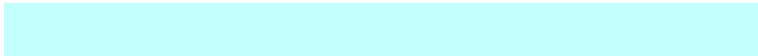
83.9018, 92.2378, 134.3280

Square

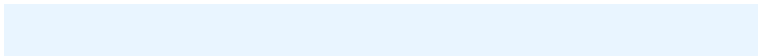
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6413, 92.2378, 71.6824



76.9528, 92.2378, 106.3990



89.7290, 92.2378, 135.9920



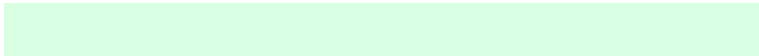
99.3371, 92.2378, 94.6910

Rectangle

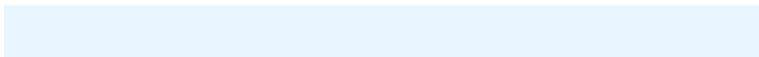
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6413, 92.2378, 71.6824



78.1537, 92.2378, 85.1698



89.7290, 92.2378, 135.9920



97.9275, 92.2378, 117.4150

Sweetspot

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



85.6436, 92.2418, 71.6843



91.8925, 97.4712, 96.1752



75.4709, 70.2672, 73.3163



19.5978, 20.8052, 20.3021



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

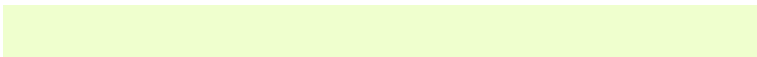
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6436, 92.2418, 71.6843



84.0269, 90.8279, 65.5365



82.3852, 94.2692, 72.2474



19.2941, 20.5564, 19.0952



34.1282, 36.2676, 5.2016



3.3872, 3.6598, 0.5279

Inverse Universe

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



67.5496, 68.4330, 104.2564



62.9577, 63.1060, 103.4702



70.3486, 66.9461, 103.8219



17.2423, 17.8563, 22.7878



9.9268, 4.7631, 49.8308



1.0312, 0.5931, 4.8734

Previews

White Background



This preview shows how the XYZ color 85.6413, 92.2378, 71.6824 looks on a white background.

Color Contrast Check

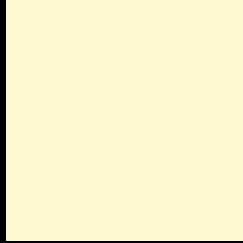
Large Text (above 18pt) WCAG AA × Fail

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 85.6413, 92.2378, 71.6824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

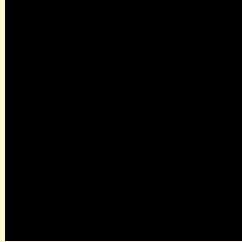
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6413, 92.2378, 71.6824

Background



This preview shows how black text looks on a background with the XYZ color 85.6413, 92.2378, 71.6824.



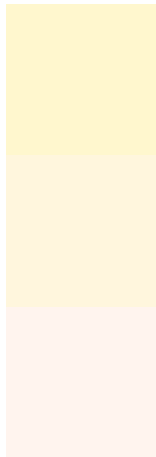
This preview shows how white text looks on a background with the XYZ color 85.6413, 92.2378,

71.6824.

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

85.6413, 92.2378, 71.6824

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

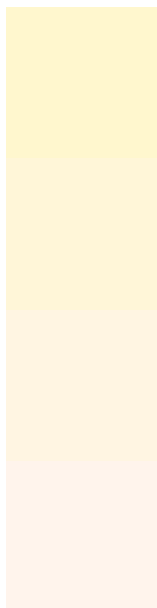
89.0233, 92.1344, 93.9806



Tritanopia

91.0202, 92.4530, 105.9764

Trichromacy



Original Color

85.6413, 92.2378, 71.6824

Protanomaly

86.5904, 92.1294, 78.1847

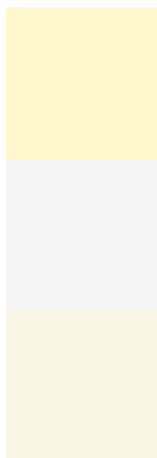
Deuteranomaly

87.6199, 92.0558, 85.1020

Tritanomaly

88.7310, 92.0175, 92.4414

Monochromacy



Original Color

85.6413, 92.2378, 71.6824

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.4465, 91.8208, 88.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6413, 92.2378, 71.6824 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, 247, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 206)  
}
```

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, 247, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 206) }
```

Border

The CSS property to change the border of an element to XYZ 85.6413, 92.2378, 71.6824 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, 247, 206) }
```


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

```
.border{ border-color:rgb(255, 247, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6413, 92.2378, 71.6824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 206) }
```

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

```
.background{ background-color: rgb(255,  
247, 206) }
```

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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