

Converting Colors

XYZ(150.9036, 121.1907,
74.7913)

Have a look what the booklet for
XYZ(150.9036, 121.1907, 74.7913)
contains.

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Color

**XYZ(82.6206, 85.8050,
71.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECD0
RGB	255, 236, 208
RGB Percent	100%, 93%, 82%
CMY	0.0000, 0.0745, 0.1843
CMYK	0.00, 0.07, 0.18, 0.00
HSL	36°, 100%, 91%
HSV	36°, 18%, 100%
XYZ	82.6206, 85.8050, 71.8820
YIQ	238.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

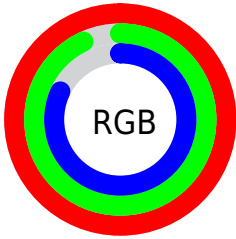
Format	Color
R_{YB}	240, 255, 208
Decimal	16772304
CIE _{Lab}	94.23, 2.06, 15.90
CIE _{LCh}	94, 16.035, 82.618
Yxy	85.8050, 0.3438, 0.3571
Android (android.graphics.Color)	4294962384 (0xFFFFECD0)
YUV	238.4890, -15.0311, 14.4801
Hunter-Lab	92.6310, -2.8943, 18.8324

Details

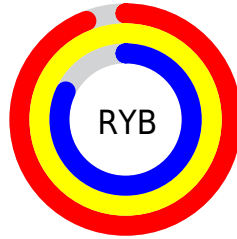
The XYZ color **82.6206, 85.8050, 71.8820** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.5308, 75.5659, 105.4233**, and the grayscale version is **81.7508, 86.0082, 93.6629**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4427, 46.9814, 37.2451** is the 20% darker color. If you saturate the color by 10%, you get **76.8506, 78.8884, 55.7049**, and if you desaturate by 10%, it is **89.0705, 93.2733, 90.7763**.

Distribution



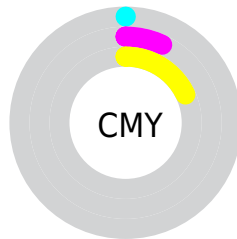
- Red (100%)
- Green (93%)
- Blue (82%)



- Red (94%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6206, 85.8050, 71.8820 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 82.6206, 85.8050, 71.8820 by changing the saturation by 10% instead.


 82.6206, 85.8050,
71.8820

 82.6206, 85.8050,
71.8820


492.3243,
514.2880, 486.0973

 62.1931, 64.5067,
52.5760


135.9752,
141.4973, 123.5949

 45.4449, 47.0612,
37.0790


169.6331,
176.6602, 156.8389

 32.0108, 33.0841,
24.9724


208.4317,
217.2134, 195.5661

 21.5253, 22.1908,
15.8377

252.7365,
263.5413, 240.1949

 13.6232, 13.9972,
9.2563

302.9128,
316.0283, 291.1438

 7.9390, 8.1187,
4.8096

359.3259,

 4.1074, 4.1710,

375.0588, 348.8315

2.0792

422.3413,
441.0173, 413.6765

■ 1.7631, 1.7697,
0.6034

■ 0.4953, 0.4682,
0.0000

■ 82.6206, 85.8050,
71.8820

■ 82.6206, 85.8050,
71.8820

■ 76.8506, 78.8884,
55.7049

■ 89.0705, 93.2733,
90.7763

■ 71.7272, 72.4969,
42.1120

95.0500, 100.0000,
108.9000

■ 67.2237, 66.6180,
30.9670

■ 63.3085, 61.2343,
22.1189

■ 59.9467, 56.3269,
15.3997

■ 57.0992, 51.8750,
10.6181

■ 54.7199, 47.8549,
7.5481

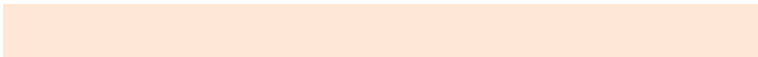
■ 52.7454, 44.2358,
5.8733

■ 52.4593, 43.6987,
5.6698

Harmonies

Analogous

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



86.6718, 85.8050, 75.8673



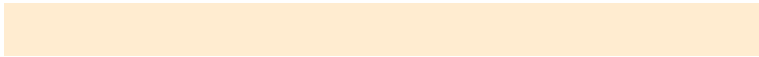
82.6206, 85.8050, 71.8820



78.4204, 85.8050, 73.2533

Triad

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



82.6206, 85.8050, 71.8820



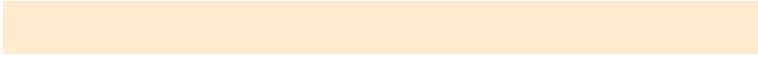
74.1677, 85.8050, 102.8204



88.2941, 85.8050, 108.5328

Complementary

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



82.6206, 85.8050, 71.8820



71.5308, 75.5659, 105.4233

Split Complementary

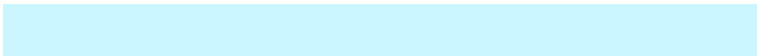
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7722, 85.8050, 117.0013



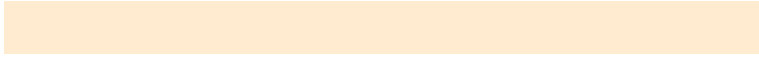
82.6206, 85.8050, 71.8820



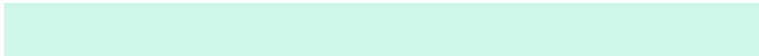
76.6438, 85.8050, 113.5066

Square

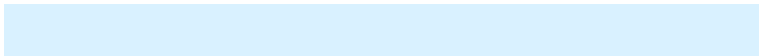
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6206, 85.8050, 71.8820



73.6371, 85.8050, 90.4215



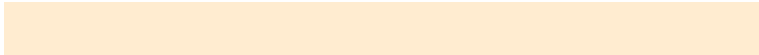
80.4988, 85.8050, 118.8970



90.0212, 85.8050, 96.4985

Rectangle

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



82.6206, 85.8050, 71.8820



76.0907, 85.8050, 77.0826



80.4988, 85.8050, 118.8970



87.2750, 85.8050, 111.9326

Sweetspot

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



82.6227, 85.8087, 71.8838



90.7427, 95.1716, 95.7919



77.7423, 71.9511, 82.8872



19.3256, 20.2608, 20.2114



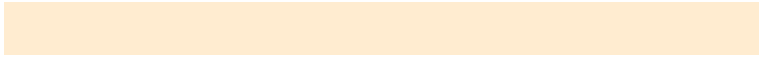
0.0000, 0.0000, 0.0000



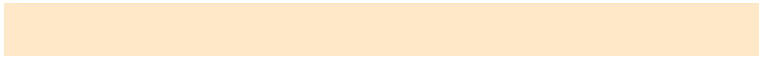
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6227, 85.8087, 71.8838



80.4862, 83.2769, 65.8039



86.9592, 96.5989, 73.7380



18.9094, 19.7871, 18.9670



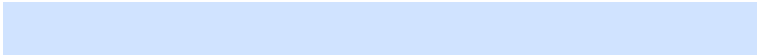
27.5615, 23.1342, 3.0127



2.7908, 2.4670, 0.3291

Inverse Universe

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



71.5308, 75.5659, 105.4233



67.5844, 71.3639, 104.8203



67.7342, 66.3176, 103.8383



17.6056, 18.5828, 22.9089



12.1058, 9.1212, 50.5571



1.2825, 1.0957, 4.9572

Previews

White Background



This preview shows how the XYZ color 82.6206, 85.8050, 71.8820 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 82.6206, 85.8050, 71.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

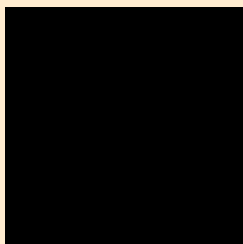
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6206, 85.8050, 71.8820

Background



This preview shows how black text looks on a background with the XYZ color 82.6206, 85.8050, 71.8820.



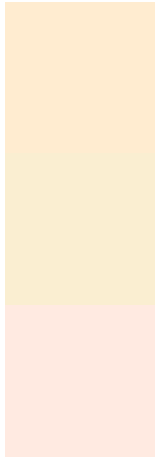
This preview shows how white text looks on a background with the XYZ color 82.6206, 85.8050,

71.8820.

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

82.6206, 85.8050, 71.8820

Protanopia

81.5075, 86.0765, 72.6401

Deuteranopia

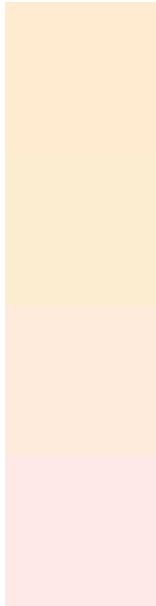
84.2534, 85.5419, 83.3048



Tritanopia

86.7312, 85.6270, 99.1452

Trichromacy



Original Color

82.6206, 85.8050, 71.8820

Protanomaly

81.9377, 85.8673, 72.5771

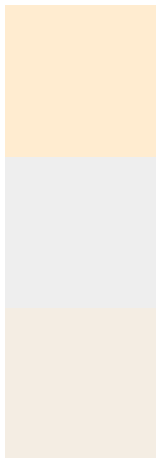
Deuteranomaly

83.7345, 85.7911, 79.1639

Tritanomaly

84.9444, 85.3640, 88.3438

Monochromacy



Original Color

82.6206, 85.8050, 71.8820

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.4575, 85.3475, 84.8535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6206, 85.8050, 71.8820 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, 236, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 208)  
}
```

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, 236, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 208) }
```

Border

The CSS property to change the border of an element to XYZ 82.6206, 85.8050, 71.8820 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, 236, 208) }
```


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

```
.border{ border-color:rgb(255, 236, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6206, 85.8050, 71.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 208) }
```

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

```
.background{ background-color: rgb(255,  
236, 208) }
```

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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