

Converting Colors

XYZ(82.2317, 92.5445, 69.4207)

Have a look what the booklet for
XYZ(82.2317, 92.5445, 69.4207)
contains.

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Color

**XYZ(82.1200, 92.3133,
69.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBCA
RGB	243, 251, 202
RGB Percent	95%, 98%, 79%
CMY	0.0471, 0.0157, 0.2078
CMYK	0.03, 0.00, 0.20, 0.02
HSL	70°, 86%, 89%
HSV	70°, 20%, 98%
XYZ	82.1200, 92.3133, 69.3672
YIQ	243.0220, 10.9610, -16.9350

Conversions

Conversions Part 2

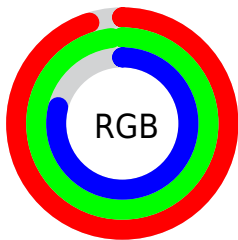
Format	Color
R_{YB}	202, 251, 210
Decimal	15989706
CIE Lab	96.95, -10.63, 22.65
CIE LCh	97, 25.015, 115.138
Yxy	92.3133, 0.3368, 0.3786
Android (android.graphics.Color)	4294179786 (0xFFFF3FBCA)
YUV	243.0220, -20.2238, -0.0193
Hunter-Lab	96.0798, -15.5746, 24.4500

Details

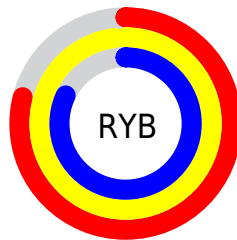
The XYZ color **82.1200, 92.3133, 69.3672** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.1151, 62.9102, 99.9828**, and the grayscale version is **85.3608, 89.8062, 97.7989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3539, 51.7331, 35.6121** is the 20% darker color. If you saturate the color by 10%, you get **77.9880, 90.5020, 54.9018**, and if you desaturate by 10%, it is **86.7719, 94.3425, 86.3840**.

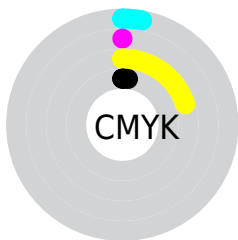
Distribution



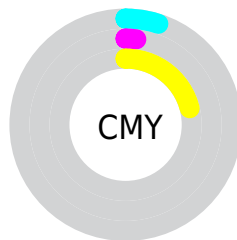
- Red (95%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1200, 92.3133, 69.3672 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 82.1200, 92.3133, 69.3672 by changing the saturation by 10% instead.


 82.1200, 92.3133,
69.3672

 82.1200, 92.3133,
69.3672


490.6774,
535.5275, 477.0540

 61.7789, 69.9009,
50.5372


135.2772,
150.5475, 119.9785

 45.1090, 51.4457,
35.4663


168.8240,
187.1382, 152.5969

 31.7449, 36.5635,
23.7358


207.5035,
229.2236, 190.6486

 21.3213, 24.8697,
14.9274

251.6809,
277.1883, 234.5520

 13.4729, 15.9800,
8.6224

301.7216,
331.4167, 284.7257

 7.8342, 9.5100,
4.4023

357.9911,

 4.0400, 5.0753,

392.2931, 341.5882

1.8485

420.8545,
460.2019, 405.5581

■ 1.7248, 2.2915,
0.4597

■ 0.4717, 0.7692,
0.0000

■ 82.1200, 92.3133,
69.3672

■ 82.1200, 92.3133,
69.3672

■ 77.9880, 90.5020,
54.9018

■ 86.7719, 94.3425,
86.3840

■ 74.3452, 88.8868,
42.8588

■ 91.9584, 96.5861,
106.0608

■ 71.1684, 87.4616,
33.1072

■ 93.7891, 97.4782,
108.4797

■ 68.4297, 86.2153,
25.5011

■ 66.0981, 85.1354,
19.8778

■ 64.1381, 84.2076,
16.0515

■ 62.5074, 83.4150,
13.8011

■ 61.1401, 82.7314,
12.7807

■ 61.0779, 82.7000,
12.7436

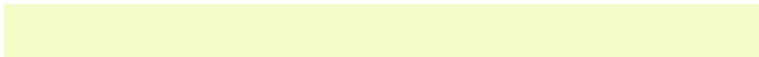
Harmonies

Analogous

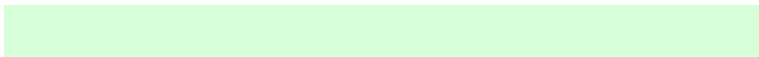
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8923, 92.3133, 66.6473



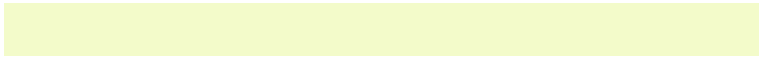
82.1200, 92.3133, 69.3672



77.1046, 92.3133, 79.9587

Triad

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



82.1200, 92.3133, 69.3672



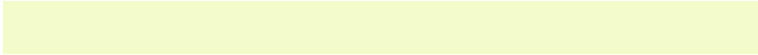
80.2350, 92.3133, 135.7645



101.9192, 92.3133, 103.8322

Complementary

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



82.1200, 92.3133, 69.3672



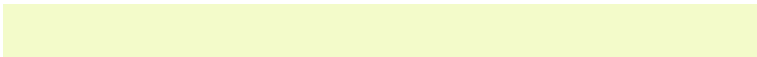
65.1151, 62.9102, 99.9828

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.



99.3133, 92.3133, 124.3197



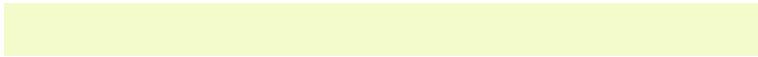
82.1200, 92.3133, 69.3672



86.5997, 92.3133, 144.2597

Square

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



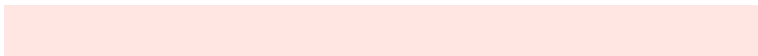
82.1200, 92.3133, 69.3672



76.0577, 92.3133, 117.8825



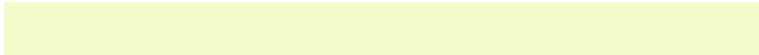
93.6129, 92.3133, 139.8154



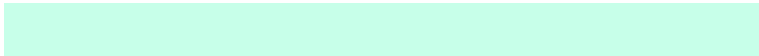
100.5634, 92.3133, 84.9403

Rectangle

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



82.1200, 92.3133, 69.3672



75.3069, 92.3133, 90.9023



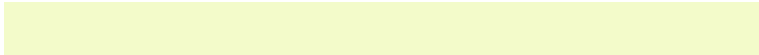
93.6129, 92.3133, 139.8154



101.4736, 92.3133, 110.7794

Sweetspot

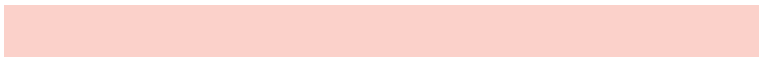
The Sweet Spot groups the original color and five complimentary colors.



82.1224, 92.3174, 69.3692



91.7701, 98.5825, 96.3961



73.3339, 70.5490, 65.6307



19.5688, 21.0688, 20.3545



0.0000, 0.0000, 0.0000



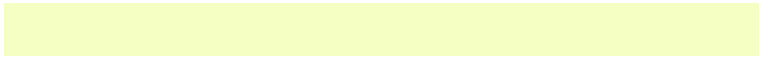
20.3446, 21.4041, 23.3091

Same Dimension

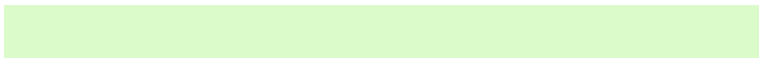
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1224, 92.3174, 69.3692



83.5662, 95.0094, 66.3679



74.4196, 88.3464, 69.0087



18.4327, 20.0388, 18.3588



32.2089, 43.5226, 6.7031



3.0549, 4.0680, 0.6242

Inverse Universe

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



65.1151, 62.9102, 99.9828



63.3034, 59.9699, 102.8466



72.4186, 66.6753, 100.3246



16.5471, 16.7792, 21.7519



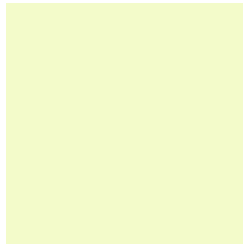
9.7126, 3.9497, 48.2240



0.9728, 0.4036, 4.4698

Previews

White Background



This preview shows how the XYZ color 82.1200, 92.3133, 69.3672 looks on a white background.

Color Contrast Check

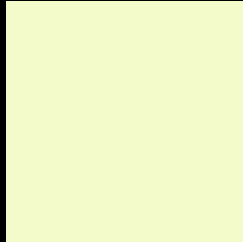
Large Text (above 18pt) WCAG AA × Fail

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 82.1200, 92.3133, 69.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

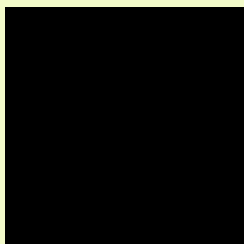
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

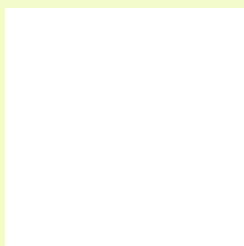
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1200, 92.3133, 69.3672

Background



This preview shows how black text looks on a background with the XYZ color 82.1200, 92.3133, 69.3672.



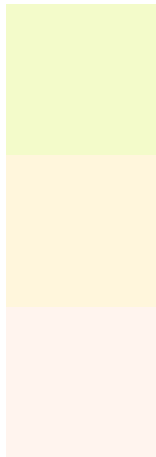
This preview shows how white text looks on a background with the XYZ color 82.1200, 92.3133,

69.3672.

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

82.1200, 92.3133, 69.3672

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

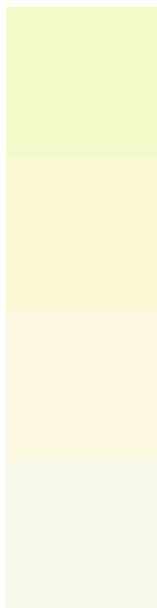
89.0233, 92.1344, 93.9806



Tritanopia

89.4676, 92.0611, 107.6619

Trichromacy



Original Color

82.1200, 92.3133, 69.3672

Protanomaly

85.3613, 92.4481, 76.2960

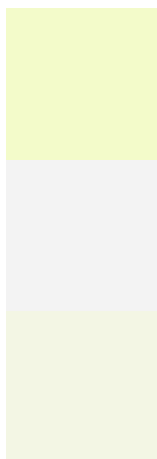
Deuteranomaly

86.6350, 92.4670, 84.5159

Tritanomaly

86.7589, 92.3518, 92.6099

Monochromacy



Original Color

82.1200, 92.3133, 69.3672

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.9215, 90.5677, 86.4570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1200, 92.3133, 69.3672 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, 251, 202)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 202)  
}
```

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, 251, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 202) }
```

Border

The CSS property to change the border of an element to XYZ 82.1200, 92.3133, 69.3672 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, 251, 202) }
```


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

```
.border{ border-color:rgb(243, 251, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 202);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1200, 92.3133, 69.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 202) }
```

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

```
.background{ background-color: rgb(243,  
251, 202) }
```

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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