

Converting Colors

XYZ(82.5411, 92.0437, 73.6369)

Have a look what the booklet for
XYZ(82.5411, 92.0437, 73.6369)
contains.

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Color

**XYZ(82.6564, 92.0294,
73.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FAD1
RGB	243, 250, 209
RGB Percent	95%, 98%, 82%
CMY	0.0471, 0.0196, 0.1804
CMYK	0.03, 0.00, 0.16, 0.02
HSL	70°, 80%, 90%
HSV	70°, 16%, 98%
XYZ	82.6564, 92.0294, 73.7286
YIQ	243.2330, 8.9890, -14.2350

Conversions

Conversions Part 2

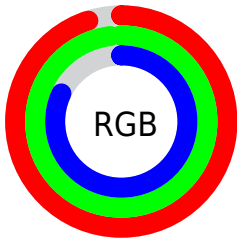
Format	Color
R _Y B	209, 250, 216
Decimal	15989457
CIE Lab	96.83, -9.09, 18.91
CIE LCh	97, 20.985, 115.676
Yxy	92.0294, 0.3327, 0.3705
Android (android.graphics.Color)	4294179537 (0xFFF3FAD1)
YUV	243.2330, -16.8769, -0.2043
Hunter-Lab	95.9320, -14.0827, 21.5850

Details

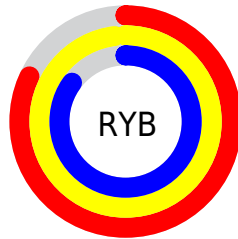
The XYZ color **82.6564, 92.0294, 73.7286** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.3783, 67.1045, 99.7961**, and the grayscale version is **85.5043, 89.9571, 97.9633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6180, 51.4815, 38.1044** is the 20% darker color. If you saturate the color by 10%, you get **78.3448, 90.1395, 58.6176**, and if you desaturate by 10%, it is **87.4930, 94.1394, 91.4033**.

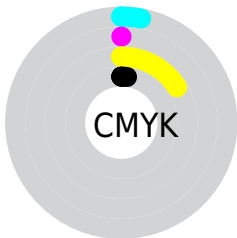
Distribution



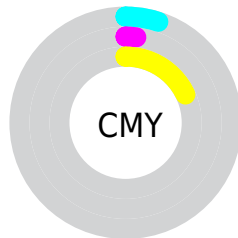
- Red (95%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6564, 92.0294, 73.7286 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 82.6564, 92.0294, 73.7286 by changing the saturation by 10% instead.

82.6564, 92.0294,
73.7286

82.6564, 92.0294,
73.7286

492.4419,
534.6105, 492.6745

62.2227, 69.6650,
54.0765

136.0251,
150.1541, 126.2415

45.4689, 51.2535,
38.2692

169.6909,
186.6833, 159.9394

32.0298, 36.4104,
25.8883

208.4980,
228.7029, 199.1562

21.5399, 24.7513,
16.5150

252.8119,
276.5973, 244.3106

13.6339, 15.8919,
9.7311

302.9979,
330.7508, 295.8211

7.9465, 9.4477,
5.1177

359.4213,

4.1123, 5.0343,

391.5479, 354.1062

2.2566

422.4475,
459.3731, 419.5845

■ 1.7658, 2.2674,
0.7067

■ 0.4970, 0.7564,
0.0000

■ 82.6564, 92.0294,
73.7286

■ 82.6564, 92.0294,
73.7286

■ 78.3448, 90.1395,
58.6176

■ 87.4930, 94.1394,
91.4033

■ 74.5280, 88.4484,
45.9455

■ 92.2172, 96.2053,
108.3169

■ 71.1839, 86.9503,
35.5856

■ 93.4775, 96.8551,
108.3758

■ 68.2855, 85.6343,
27.3979

■ 65.8032, 84.4887,
21.2270

■ 63.7034, 83.4998,
16.8970

■ 61.9465, 82.6520,
14.2017

■ 60.4836, 81.9255,
12.8837

■ 60.0019, 81.6829,
12.6039

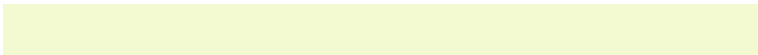
Harmonies

Analogous

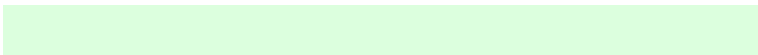
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3275, 92.0294, 71.2231



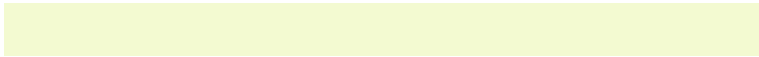
82.6564, 92.0294, 73.7286



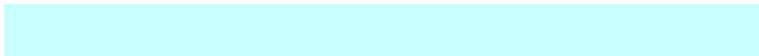
78.4495, 92.0294, 83.0096

Triad

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



82.6564, 92.0294, 73.7286



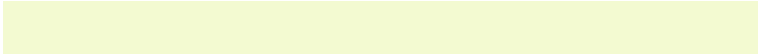
81.2409, 92.0294, 129.4412



99.2542, 92.0294, 102.6689

Complementary

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



82.6564, 92.0294, 73.7286



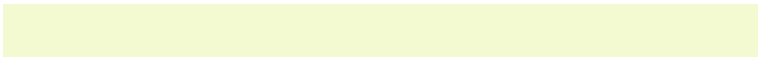
68.3783, 67.1045, 99.7961

Split Complementary

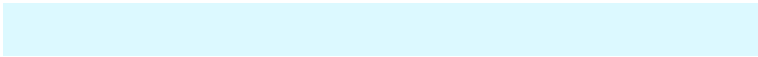
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1593, 92.0294, 119.6234



82.6564, 92.0294, 73.7286



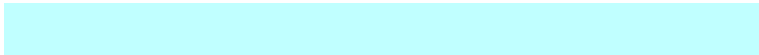
86.6204, 92.0294, 136.1416

Square

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



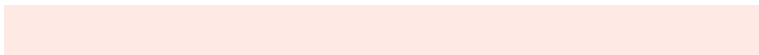
82.6564, 92.0294, 73.7286



77.6584, 92.0294, 114.9215



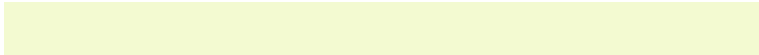
92.4694, 92.0294, 132.3625



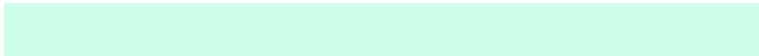
98.0776, 92.0294, 86.8006

Rectangle

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



82.6564, 92.0294, 73.7286



76.9529, 92.0294, 92.3943



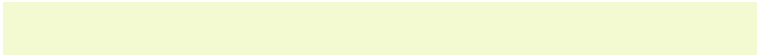
92.4694, 92.0294, 132.3625



98.9068, 92.0294, 108.4427

Sweetspot

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



82.6588, 92.0334, 73.7306



92.2677, 98.7950, 98.4077



75.4493, 73.9565, 70.6213



19.6679, 21.1110, 20.7598



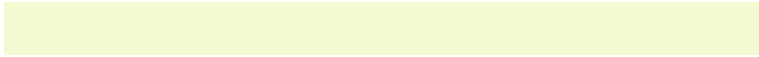
0.0000, 0.0000, 0.0000



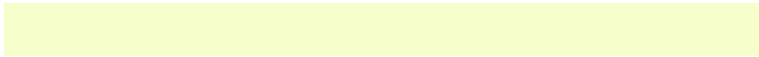
20.3446, 21.4041, 23.3091

Same Dimension

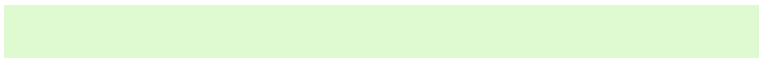
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6588, 92.0334, 73.7306



84.7659, 95.5244, 71.0972



76.0263, 88.6142, 73.4202



18.4193, 20.0319, 18.3581



31.9330, 43.3803, 6.6902



3.0318, 4.0561, 0.6231

Inverse Universe

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



68.3783, 67.1045, 99.7961



67.0003, 64.5090, 103.5279



74.7617, 70.3953, 100.0948



16.5594, 16.7855, 21.7524



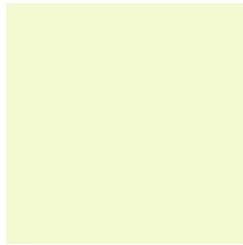
9.7559, 3.9720, 48.2260



0.9786, 0.4066, 4.4701

Previews

White Background



This preview shows how the XYZ color 82.6564, 92.0294, 73.7286 looks on a white background.

Color Contrast Check

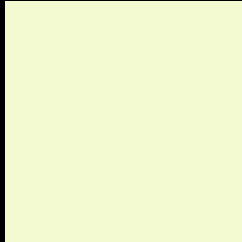
Large Text (above 18pt) WCAG AA × Fail

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 82.6564, 92.0294, 73.7286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

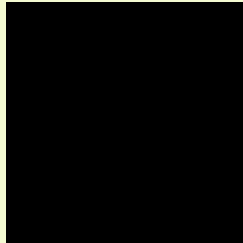
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

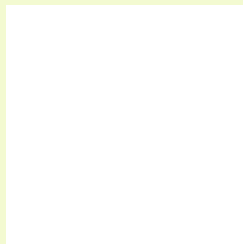
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6564, 92.0294, 73.7286

Background



This preview shows how black text looks on a background with the XYZ color 82.6564, 92.0294, 73.7286.



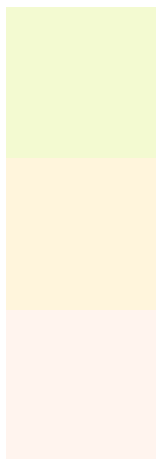
This preview shows how white text looks on a background with the XYZ color 82.6564, 92.0294,

73.7286.

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

82.6564, 92.0294, 73.7286

Protanopia

86.8107, 91.7321, 80.8408

Deuteranopia

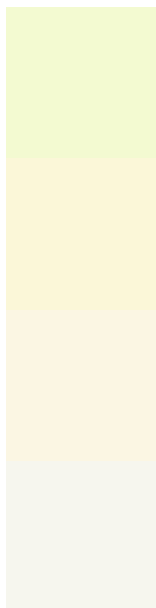
89.0233, 92.1344, 93.9806



Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

82.6564, 92.0294, 73.7286

Protanomaly

85.4391, 91.9886, 78.2182

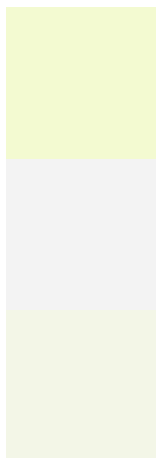
Deuteranomaly

86.6046, 91.9668, 85.8599

Tritanomaly

86.3944, 91.6774, 94.0310

Monochromacy



Original Color

82.6564, 92.0294, 73.7286

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.3417, 90.7357, 88.6698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6564, 92.0294, 73.7286 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, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 209)  
}
```

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, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 82.6564, 92.0294, 73.7286 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, 250, 209) }
```


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

```
.border{ border-color:rgb(243, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6564, 92.0294, 73.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 209) }
```

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

```
.background{ background-color: rgb(243,  
250, 209) }
```

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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