

Converting Colors

XYZ(82.8226, 89.0099, 73.7314)

Have a look what the booklet for
XYZ(82.8226, 89.0099, 73.7314)
contains.

XYZ(82.7504, 88.8941, 73.7696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.7504, 88.8941,
73.7696)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F3D2
RGB	249, 243, 210
RGB Percent	98%, 95%, 82%
CMY	0.0235, 0.0470, 0.1765
CMYK	0.00, 0.02, 0.16, 0.02
HSL	51°, 76%, 90%
HSV	51°, 16%, 98%
XYZ	82.7504, 88.8941, 73.7696
YIQ	241.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

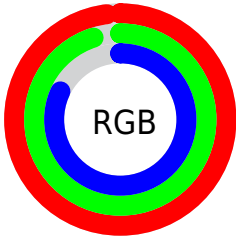
Format	Color
RYB	217, 249, 210
Decimal	16380882
CIELab	95.54, -3.32, 16.65
CIElCh	96, 16.974, 101.295
Yxy	88.8941, 0.3372, 0.3622
Android (android.graphics.Color)	4294570962 (0xFFFF9F3D2)
YUV	241.0320, -15.2988, 6.9879
Hunter-Lab	94.2837, -8.3315, 19.6088

Details

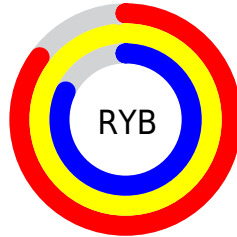
The XYZ color **82.7504, 88.8941, 73.7696** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.2329, 69.6515, 99.4711**, and the grayscale version is **83.7452, 88.1065, 95.9479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4249, 49.1137, 38.0961** is the 20% darker color. If you saturate the color by 10%, you get **78.7538, 85.4847, 58.3047**, and if you desaturate by 10%, it is **87.2584, 92.5522, 91.7884**.

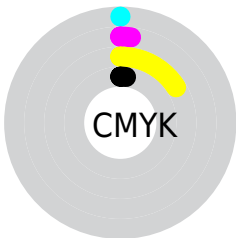
Distribution



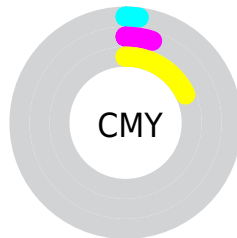
- Red (98%)
- Green (95%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7504, 88.8941, 73.7696 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 82.7504, 88.8941, 73.7696 by changing the saturation by 10% instead.

82.7504, 88.8941,
73.7696

82.7504, 88.8941,
73.7696

492.7508,
524.4268, 492.8199

62.3005, 67.0638,
54.1098

136.1562,
145.8013, 126.3002

45.5321, 49.1365,
38.2957

169.8427,
181.6470, 160.0081

32.0798, 34.7277,
25.9087

208.6722,
222.9332, 199.2357

21.5783, 23.4532,
16.5302

253.0099,
270.0444, 244.4018

13.6622, 14.9285,
9.7417

303.2213,
323.3650, 295.9246

7.9662, 8.7692,
5.1247

359.6717,

4.1250, 4.5910,

383.2793, 354.2229

2.2606

422.7264,
450.1718, 419.7152

■ 1.7731, 2.0093,
0.7090

■ 0.5014, 0.6129,
0.0000

■ 82.7504, 88.8941,
73.7696

■ 82.7504, 88.8941,
73.7696

■ 78.7538, 85.4847,
58.3047

■ 87.2584, 92.5522,
91.7884

■ 75.2391, 82.3030,
45.2708

■ 91.5087, 96.1427,
108.3421

■ 72.1844, 79.3431,
34.5434

■ 92.7143, 98.5541,
108.7440

■ 69.5635, 76.5943,
25.9845

■ 92.8772, 98.8799,
108.7983

■ 67.3473, 74.0446,
19.4416

■ 65.5029, 71.6806,
14.7422

■ 63.9918, 69.4868,
11.6848

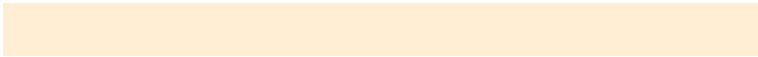
■ 62.7667, 67.4440,
10.0204

■ 62.2935, 66.5924,
9.5704

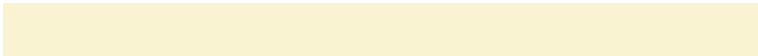
Harmonies

Analogous

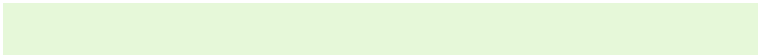
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3937, 88.8941, 74.4872



82.7504, 88.8941, 73.7696



78.7217, 88.8941, 78.7830

Triad

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



82.7504, 88.8941, 73.7696



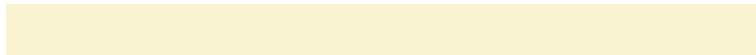
77.9442, 88.8941, 114.7093



93.2544, 88.8941, 105.2447

Complementary

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



82.7504, 88.8941, 73.7696



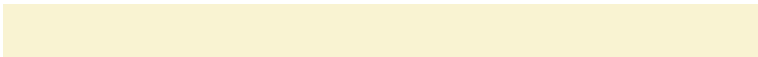
68.2329, 69.6515, 99.4711

Split Complementary

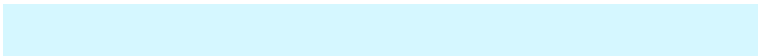
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5359, 88.8941, 117.3522



82.7504, 88.8941, 73.7696



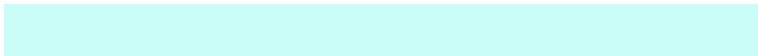
81.6536, 88.8941, 123.1532

Square

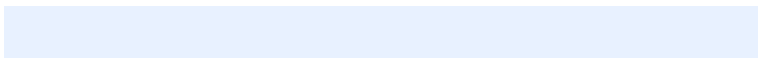
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7504, 88.8941, 73.7696



76.0156, 88.8941, 101.8979



86.2562, 88.8941, 124.1625



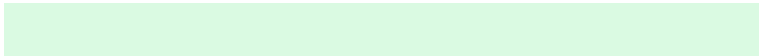
93.5745, 88.8941, 91.8568

Rectangle

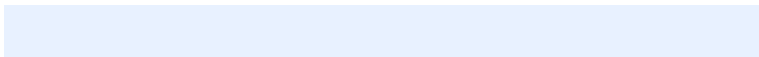
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7504, 88.8941, 73.7696



76.8822, 88.8941, 84.9950



86.2562, 88.8941, 124.1625



92.5863, 88.8941, 109.6298

Sweetspot

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



82.7528, 88.8980, 73.7715



92.4426, 97.9618, 98.2377



74.5739, 71.2179, 75.1223



19.7105, 20.9077, 20.7183



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.



82.7528, 88.8980, 73.7715



85.8775, 92.6030, 72.0914



80.1015, 90.2382, 74.1699



18.4868, 19.7094, 18.2923



33.4298, 35.8162, 5.1513



3.1556, 3.4360, 0.4969

Inverse Universe

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



68.2329, 69.6515, 99.4711



67.7025, 68.5125, 104.2637



70.5780, 68.6219, 99.1488



16.4984, 17.0736, 21.8113



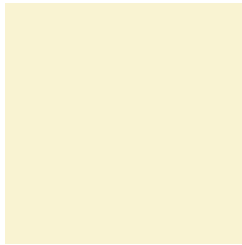
9.5923, 4.5401, 48.3443



0.9498, 0.5433, 4.4980

Previews

White Background



This preview shows how the XYZ color 82.7504, 88.8941, 73.7696 looks on a white background.

Color Contrast Check

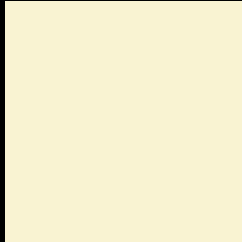
Large Text (above 18pt) WCAG AA × Fail

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 82.7504, 88.8941, 73.7696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

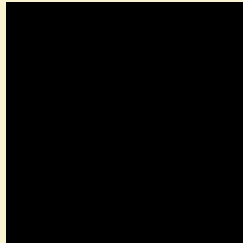
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7504, 88.8941, 73.7696

Background



This preview shows how black text looks on a background with the XYZ color 82.7504, 88.8941, 73.7696.



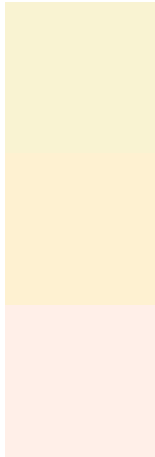
This preview shows how white text looks on a background with the XYZ color 82.7504, 88.8941,

73.7696.

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

82.7504, 88.8941, 73.7696

Protanopia

83.8370, 88.5849, 73.0015

Deuteranopia

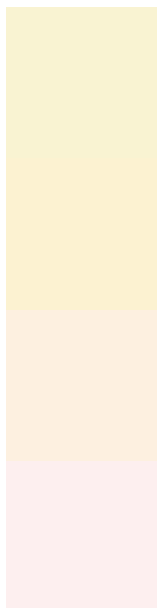
86.6720, 88.8192, 88.9196



Tritanopia

89.5742, 89.0484, 107.0747

Trichromacy



Original Color

82.7504, 88.8941, 73.7696

Protanomaly

83.4056, 88.8032, 73.0664

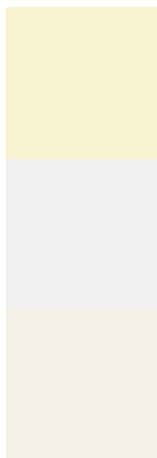
Deuteranomaly

85.1226, 88.5846, 83.1331

Tritanomaly

86.9545, 88.8476, 94.2277

Monochromacy



Original Color

82.7504, 88.8941, 73.7696

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.3433, 88.4505, 87.5429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7504, 88.8941, 73.7696 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(249, 243, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 210)  
}
```

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(249, 243, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 210) }
```

Border

The CSS property to change the border of an element to XYZ 82.7504, 88.8941, 73.7696 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(249, 243, 210) }
```


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

```
.border{ border-color:rgb(249, 243, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7504, 88.8941, 73.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 210) }
```

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

```
.background{ background-color: rgb(249,  
243, 210) }
```

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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