

Converting Colors

XYZ(79.5443, 90.6871, 73.2769)

Have a look what the booklet for
XYZ(79.5443, 90.6871, 73.2769)
contains.

XYZ(79.4866, 90.8721, 73.0252)	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(79.4866, 90.8721,
73.0252)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FBD0
RGB	233, 251, 208
RGB Percent	91%, 98%, 82%
CMY	0.0863, 0.0157, 0.1843
CMYK	0.07, 0.00, 0.17, 0.02
HSL	85°, 84%, 90%
HSV	85°, 17%, 98%
XYZ	79.4866, 90.8721, 73.0252
YIQ	240.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

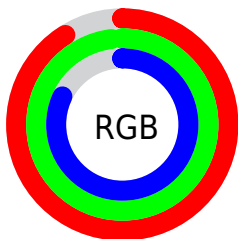
Format	Color
RYP	208, 251, 226
Decimal	15334352
CIELab	96.36, -13.23, 18.65
CIElCh	96, 22.867, 125.337
Yxy	90.8721, 0.3266, 0.3734
Android (android.graphics.Color)	4293524432 (0xFFE9FBD0)
YUV	240.7160, -16.1290, -6.7669
Hunter-Lab	95.3269, -17.9830, 21.3097

Details

The XYZ color **79.4866, 90.8721, 73.0252** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.3362, 68.2481, 100.6851**, and the grayscale version is **83.5090, 87.8580, 95.6773**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2560, 50.2638, 37.9939** is the 20% darker color. If you saturate the color by 10%, you get **73.3110, 88.0202, 57.8717**, and if you desaturate by 10%, it is **86.3602, 94.0327, 90.7662**.

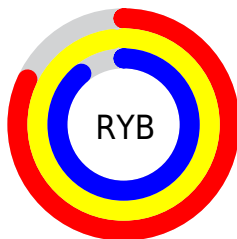
Distribution



Red (91%)

Green (98%)

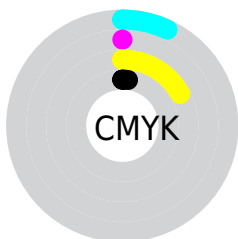
Blue (82%)



Red (82%)

Yellow (98%)

Blue (89%)

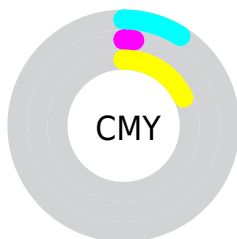


Cyan (7%)

Magenta (0%)

Yellow (17%)

Black (2%)



Cyan (9%)

Magenta (2%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4866, 90.8721, 73.0252 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 79.4866, 90.8721, 73.0252 by changing the saturation by 10% instead.

79.4866, 90.8721,
73.0252

79.4866, 90.8721,
73.0252

481.9639,
530.8637, 490.1753

59.6030, 68.7042,
53.5046

131.5980,
148.5492, 125.2342

43.3469, 50.4708,
37.8153

164.5565,
184.8272, 158.7598

30.3531, 35.7877,
25.5386

202.6040,
226.5773, 197.7907

20.2562, 24.2702,
16.2561

246.1058,
274.1839, 242.7456

12.6907, 15.5342,
9.5493

295.4274,
328.0315, 294.0429

7.2915, 9.1952,
4.9995

350.9340,

3.6930, 4.8687,

388.5044, 352.1013

2.1882

412.9911,
455.9870, 417.3392

■ 1.5300, 2.1704,
0.6676

■ 0.3461, 0.7038,
0.0000

■ 79.4866, 90.8721,
73.0252

■ 79.4866, 90.8721,
73.0252

■ 73.3110, 88.0202,
57.8717

■ 86.3602, 94.0327,
90.7662

■ 67.7997, 85.4543,
45.1789

■ 93.4292, 97.2926,
108.4628

■ 62.9268, 83.1665,
34.8180

■ 93.7891, 97.4781,
108.4797

■ 58.6613, 81.1440,
26.6465

■ 54.9695, 79.3729,
20.5059

■ 51.8133, 77.8374,
16.2165

■ 49.1485, 76.5196,
13.5672

■ 46.9195, 75.3965,
12.2868

■ 46.3377, 75.1011,
12.0537

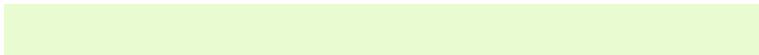
Harmonies

Analogous

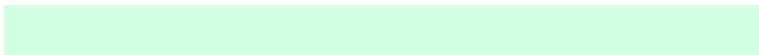
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2383, 90.8721, 67.9974



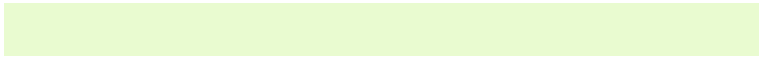
79.4866, 90.8721, 73.0252



75.7232, 90.8721, 85.0316

Triad

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



79.4866, 90.8721, 73.0252



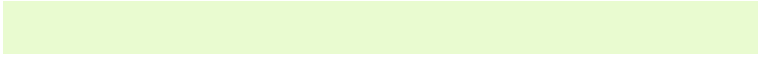
81.3659, 90.8721, 134.3240



99.1342, 90.8721, 95.7211

Complementary

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



79.4866, 90.8721, 73.0252



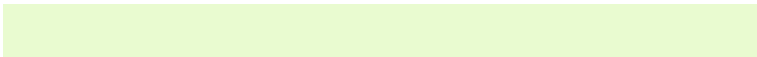
71.3362, 68.2481, 100.6851

Split Complementary

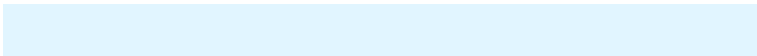
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.9734, 90.8721, 114.2973



79.4866, 90.8721, 73.0252



87.5141, 90.8721, 138.0914

Square

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



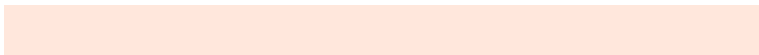
79.4866, 90.8721, 73.0252



76.7703, 90.8721, 120.6247



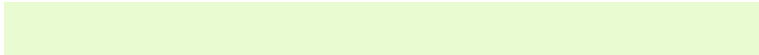
93.6423, 90.8721, 130.3681



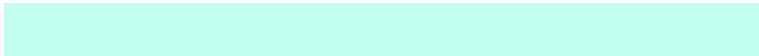
96.7409, 90.8721, 80.0310

Rectangle

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



79.4866, 90.8721, 73.0252



74.7422, 90.8721, 96.1228



93.6423, 90.8721, 130.3681



99.1479, 90.8721, 101.8204

Sweetspot

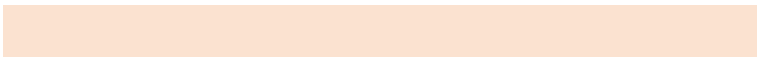
The Sweet Spot groups the original color and five complimentary colors.



79.4890, 90.8761, 73.0272



91.1278, 98.2074, 98.3544



78.3460, 79.4139, 70.8750



19.3904, 20.9679, 20.7468



0.0000, 0.0000, 0.0000



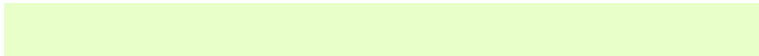
20.3446, 21.4041, 23.3091

Same Dimension

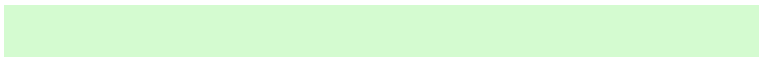
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4890, 90.8761, 73.0272



79.8227, 93.0112, 69.2821



72.9166, 87.4878, 72.7196



17.9841, 19.8076, 18.3378



24.5255, 39.5616, 6.3435



2.3923, 3.7264, 0.5932

Inverse Universe

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



71.3362, 68.2481, 100.6851



69.7421, 65.0300, 103.4840



78.4768, 71.9292, 101.0193



16.9717, 16.9980, 21.7717



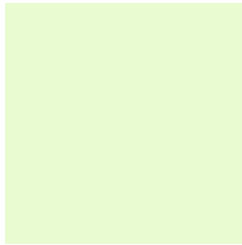
12.3777, 5.3236, 48.3487



1.2642, 0.5538, 4.4834

Previews

White Background



This preview shows how the XYZ color 79.4866, 90.8721, 73.0252 looks on a white background.

Color Contrast Check

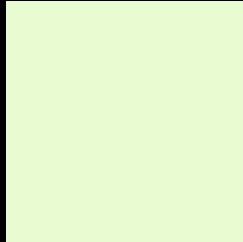
Large Text (above 18pt) WCAG AA × Fail

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 79.4866, 90.8721, 73.0252 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

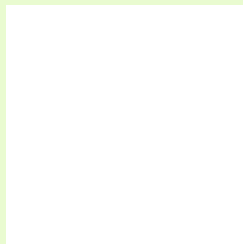
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4866, 90.8721, 73.0252

Background



This preview shows how black text looks on a background with the XYZ color 79.4866, 90.8721, 73.0252.

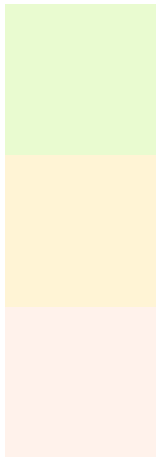


This preview shows how white text looks on a background with the XYZ color 79.4866, 90.8721,

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

79.4866, 90.8721, 73.0252

Protanopia

85.6009, 90.7655, 75.9586

Deuteranopia

87.9875, 90.7624, 91.4787



Tritanopia

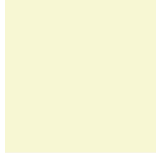
87.0186, 90.7986, 107.5473

Trichromacy



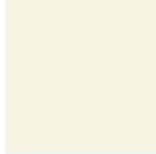
Original Color

79.4866, 90.8721, 73.0252



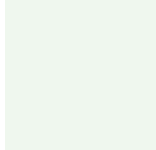
Protanomaly

83.3764, 90.9988, 74.7981



Deuteranomaly

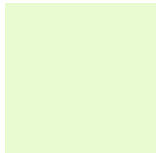
84.6008, 90.5152, 84.2464



Tritanomaly

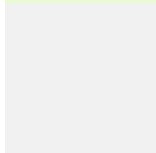
84.2900, 91.0453, 94.0199

Monochromacy



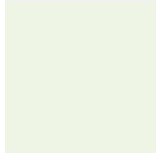
Original Color

79.4866, 90.8721, 73.0252



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

82.0552, 89.1391, 87.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4866, 90.8721, 73.0252 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(233, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(233, 251, 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(233, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 251, 208) }
```

Border

The CSS property to change the border of an element to XYZ 79.4866, 90.8721, 73.0252 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(233, 251, 208) }
```


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

```
.border{ border-color:rgb(233, 251, 208) }
```

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

Here you see how a box with a 4 pixel rgb(233, 251, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 251,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4866, 90.8721, 73.0252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 251, 208) }
```

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

```
.background{ background-color: rgb(233,  
251, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor