

Converting Colors

XYZ(89.0363, 97.2674, 73.0011)

Have a look what the booklet for
XYZ(89.0363, 97.2674, 73.0011)
contains.

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Color

**XYZ(87.9443, 96.6486,
73.0514)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFECE
RGB	255, 254, 207
RGB Percent	100%, 100%, 81%
CMY	0.0000, 0.0039, 0.1882
CMYK	0.00, 0.00, 0.19, 0.00
HSL	59°, 100%, 91%
HSV	59°, 19%, 100%
XYZ	87.9443, 96.6486, 73.0514
YIQ	248.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

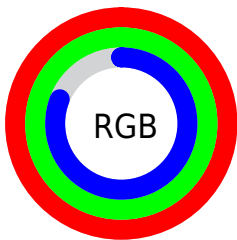
Format	Color
R_{YB}	208, 255, 207
Decimal	16776911
CIE Lab	98.69, -7.13, 22.65
CIE LCh	99, 23.749, 107.469
Yxy	96.6486, 0.3413, 0.3751
Android (android.graphics.Color)	4294966991 (0xFFFFFECF)
YUV	248.9410, -20.6769, 5.3137
Hunter-Lab	98.3100, -12.3634, 24.7603

Details

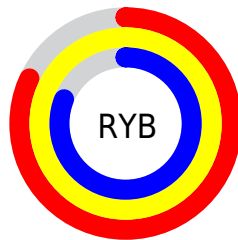
The XYZ color **87.9443, 96.6486, 73.0514** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.3376, 65.5954, 103.7726**, and the grayscale version is **90.1516, 94.8465, 103.2878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9225, 54.2053, 37.5899** is the 20% darker color. If you saturate the color by 10%, you get **84.9086, 95.1699, 57.8812**, and if you desaturate by 10%, it is **91.4885, 98.3380, 90.8776**.

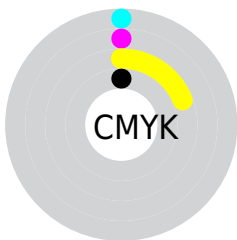
Distribution



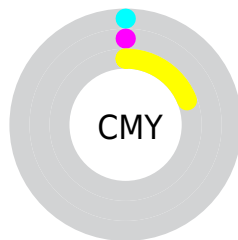
- Red (100%)
- Green (100%)
- Blue (81%)



- Red (82%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9443, 96.6486, 73.0514 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 87.9443, 96.6486, 73.0514 by changing the saturation by 10% instead.


 87.9443, 96.6486,
73.0514

 87.9443, 96.6486,
73.0514


509.6589,
549.4294, 490.2685

 66.6076, 73.5079,
53.5259

143.3725,
156.5403, 125.2718

 49.0353, 54.3913,
37.8322


178.1948,
194.0600, 158.8037

 34.8621, 38.9146,
25.5516


218.2429,
237.1414, 197.8416

 23.7227, 26.6933,
16.2658

263.8822,
286.1691, 242.8039

 15.2517, 17.3430,
9.5560

315.4781,
341.5274, 294.1092

 9.0837, 10.4794,
5.0039

373.3960,

 4.8533, 5.7179,

403.6006, 352.1761

2.1907

438.0011,
472.7731, 417.4230

■ 2.1953, 2.6743,
0.6690

■ 0.7403, 0.9642,
0.0000

■ 87.9443, 96.6486,
73.0514

■ 87.9443, 96.6486,
73.0514

■ 84.9086, 95.1699,
57.8812

■ 91.4885, 98.3380,
90.8776

■ 82.3506, 93.8797,
45.2337

95.0500, 100.0000,
108.9000

■ 80.2463, 92.7718,
34.9736

■ 78.5673, 91.8347,
26.9501

■ 77.2815, 91.0556,
20.9957

■ 76.3528, 90.4201,
16.9189

■ 75.7380, 89.9110,
14.4931

■ 75.3747, 89.5031,
13.3894

■ 75.3390, 89.4579,
13.2963

Harmonies

Analogous

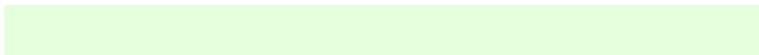
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7641, 96.6486, 72.3905



87.9443, 96.6486, 73.0514



82.4467, 96.6486, 81.6274

Triad

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



87.9443, 96.6486, 73.0514



83.1995, 96.6486, 135.7209



105.4011, 96.6486, 113.6767

Complementary

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



87.9443, 96.6486, 73.0514



66.3376, 65.5954, 103.7726

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.



101.9673, 96.6486, 133.0022



87.9443, 96.6486, 73.0514



89.0189, 96.6486, 146.7563

Square

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



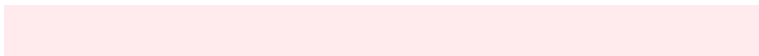
87.9443, 96.6486, 73.0514



79.8027, 96.6486, 117.0314



95.8935, 96.6486, 145.7034



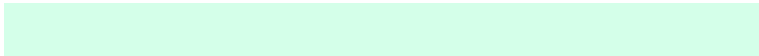
105.0779, 96.6486, 94.2571

Rectangle

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



87.9443, 96.6486, 73.0514



80.1674, 96.6486, 91.3634



95.8935, 96.6486, 145.7034



104.6411, 96.6486, 120.4417

Sweetspot

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



87.9466, 96.6528, 73.0534



92.5827, 98.8515, 96.4052



75.0128, 70.4705, 69.7122



19.7615, 21.1325, 20.3567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

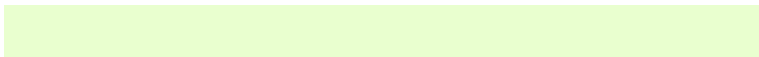
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9466, 96.6528, 73.0534



86.6176, 96.0092, 66.4001



80.4969, 93.2817, 72.7954



19.5271, 21.0224, 19.1729



39.3809, 46.7729, 6.9525



3.8442, 4.5739, 0.6802

Inverse Universe

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



66.3376, 65.5954, 103.7726



61.0007, 59.1920, 102.8178



72.8046, 68.5708, 104.0060



17.0332, 17.4379, 22.7181



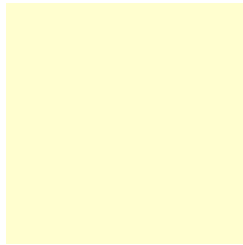
9.4745, 3.8586, 49.6800



0.9326, 0.3960, 4.8405

Previews

White Background



This preview shows how the XYZ color 87.9443, 96.6486, 73.0514 looks on a white background.

Color Contrast Check

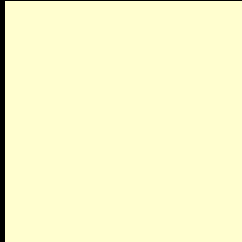
Large Text (above 18pt) WCAG AA × Fail

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 87.9443, 96.6486, 73.0514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

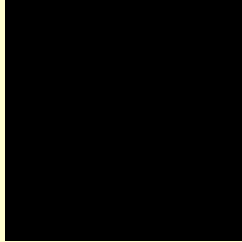
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9443, 96.6486, 73.0514

Background



This preview shows how black text looks on a background with the XYZ color 87.9443, 96.6486, 73.0514.



This preview shows how white text looks on a background with the XYZ color 87.9443, 96.6486,

73.0514.

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

87.9443, 96.6486, 73.0514



Protanopia

91.6144, 96.6052, 97.0372

Deuteranopia

92.3689, 96.4085, 102.5473

Tritanopia

93.1087, 96.6620, 108.3580

Trichromacy



Original Color

87.9443, 96.6486, 73.0514

Protanomaly

90.1933, 96.5380, 88.0087

Deuteranomaly

90.4452, 96.1376, 90.8802

Tritanomaly

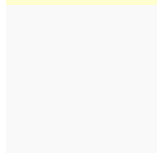
90.8028, 96.2382, 94.6789

Monochromacy



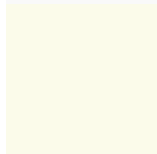
Original Color

87.9443, 96.6486, 73.0514



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.1321, 95.4441, 91.5667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9443, 96.6486, 73.0514 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, 254, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 207)  
}
```

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, 254, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 207) }
```

Border

The CSS property to change the border of an element to XYZ 87.9443, 96.6486, 73.0514 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, 254, 207) }
```


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

```
.border{ border-color:rgb(255, 254, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9443, 96.6486, 73.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 207) }
```

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

```
.background{ background-color: rgb(255,  
254, 207) }
```

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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