

Converting Colors

XYZ(90.2384, 97.5066, 86.2627)

Have a look what the booklet for
XYZ(90.2384, 97.5066, 86.2627)
contains.

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Color

**XYZ(90.0423, 97.4454,
86.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFEE2
RGB	254, 254, 226
RGB Percent	100%, 100%, 89%
CMY	0.0039, 0.0039, 0.1137
CMYK	0.00, 0.00, 0.11, 0.00
HSL	60°, 93%, 94%
HSV	60°, 11%, 100%
XYZ	90.0423, 97.4454, 86.0146
YIQ	250.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 254, 226
Decimal	16711394
CIE _{Lab}	99.00, -4.64, 13.40
CIE _{LCh}	99, 14.178, 109.103
Yxy	97.4454, 0.3292, 0.3563
Android (android.graphics.Color)	4294901474 (0xFFFEFEE2)
YUV	250.8080, -12.2303, 2.7994
Hunter-Lab	98.7144, -9.9316, 17.4379

Details

The XYZ color **90.0423, 97.4454, 86.0146** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.4535, 77.7198, 104.7430**, and the grayscale version is **91.6305, 96.4024, 104.9822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.3429, 54.7431, 46.4412** is the 20% darker color. If you saturate the color by 10%, you get **86.8113, 96.1560, 68.9973**, and if you desaturate by 10%, it is **93.7950, 98.9499, 105.7556**.

Distribution



- Red (100%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.0423, 97.4454, 86.0146 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 90.0423, 97.4454, 86.0146 by changing the saturation by 10% instead.

90.0423, 97.4454,
86.0146

90.0423, 97.4454,
86.0146

516.4043,
551.9644, 535.2112

68.3521, 74.1720,
64.1251

146.2752,
157.6387, 143.6766

50.4590, 54.9348,
46.3052

181.5486,
195.3274, 180.2861

35.9975, 39.3495,
32.1363

222.0805,
238.5899, 222.6394

24.6024, 27.0317,
21.1999

268.2362,
287.8107, 271.1550

15.9082, 17.5971,
13.0776

320.3811,
343.3742, 326.2515

9.5497, 10.6611,
7.3506

378.8805,

5.1614, 5.8394,

405.6647, 388.3473

3.6006

444.0998,
475.0666, 457.8610

■ 2.3780, 2.7477,
1.4089

■ 0.8341, 1.0015,
0.1486

■ 90.0423, 97.4454,
86.0146

■ 90.0423, 97.4454,
86.0146

■ 86.8113, 96.1560,
68.9973

■ 93.7950, 98.9499,
105.7556

■ 84.0714, 95.0599,
54.5782

■ 94.3706, 99.1803,
108.7776


■ 81.8010, 94.1515,
42.6315


■ 94.3723, 99.1812,
108.7777


■ 79.9738, 93.4204,
33.0184


■ 94.3740, 99.1821,
108.7778

 78.5607, 92.8550, 94.3758, 99.1830,
25.5863 108.7778

 77.5295, 92.4423, 94.3775, 99.1839,
20.1647 108.7779

 76.8428, 92.1674, 94.3792, 99.1848,
16.5578 108.7780

 76.4561, 92.0126, 94.3809, 99.1856,
14.5305 108.7781

 76.3020, 91.9507, 94.3826, 99.1865,
13.7267 108.7782

Harmonies

Analogous

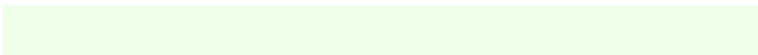
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1295, 97.4454, 85.2838



90.0423, 97.4454, 86.0146



86.7406, 97.4454, 91.8867

Triad

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



90.0423, 97.4454, 86.0146



87.5126, 97.4454, 124.2527



100.6443, 97.4454, 110.4628

Complementary

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



90.0423, 97.4454, 86.0146



76.4535, 77.7198, 104.7430

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.



98.7571, 97.4454, 121.7115



90.0423, 97.4454, 86.0146



91.1246, 97.4454, 130.0579

Square

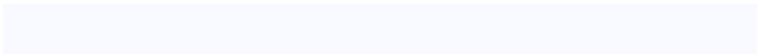
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



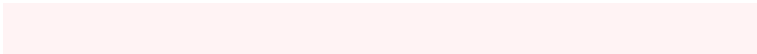
90.0423, 97.4454, 86.0146



85.3103, 97.4454, 113.7259



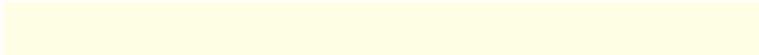
95.2443, 97.4454, 129.0948



100.3335, 97.4454, 98.8256

Rectangle

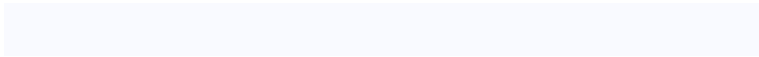
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.0423, 97.4454, 86.0146



85.3909, 97.4454, 98.1882



95.2443, 97.4454, 129.0948



100.2437, 97.4454, 114.4289

Sweetspot

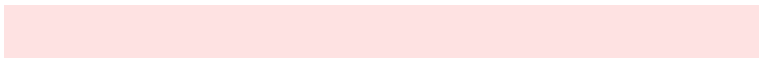
The Sweet Spot groups the original color and five complimentary colors.



90.0449, 97.4497, 86.0167



93.8421, 99.5168, 102.5418



81.7999, 80.9569, 83.2678



20.0187, 21.2737, 21.5937



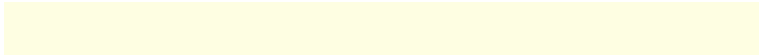
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

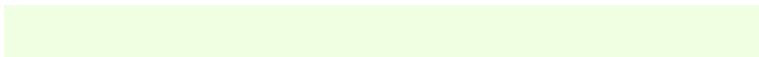
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0449, 97.4497, 86.0167



90.1625, 98.0447, 83.1743



85.1081, 94.9046, 85.7857



19.5610, 21.0906, 19.1843



40.2253, 48.4750, 7.2365



3.9167, 4.7199, 0.7046

Inverse Universe

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



76.4535, 77.7198, 104.7430



74.2116, 74.8898, 105.1515



81.0238, 80.0759, 104.9569



17.0034, 17.3780, 22.7081



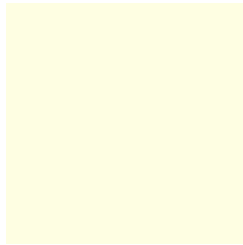
9.4320, 3.7728, 49.6657



0.9185, 0.3674, 4.8358

Previews

White Background



This preview shows how the XYZ color 90.0423, 97.4454, 86.0146 looks on a white background.

Color Contrast Check

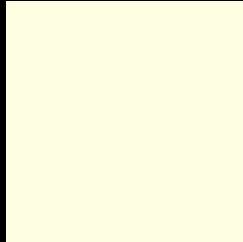
Large Text (above 18pt) WCAG AA × Fail

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 90.0423, 97.4454, 86.0146 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 90.0423, 97.4454, 86.0146

Background



This preview shows how black text looks on a background with the XYZ color 90.0423, 97.4454, 86.0146.



This preview shows how white text looks on a background with the XYZ color 90.0423, 97.4454,

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

90.0423, 97.4454, 86.0146



Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

93.4202, 97.2852, 108.4619

Trichromacy



Original Color

90.0423, 97.4454, 86.0146

Protanomaly

91.7979, 97.6836, 94.9055

Deuteranomaly

91.9276, 97.2317, 97.1416

Tritanomaly

92.0126, 97.2233, 99.5043

Monochromacy



Original Color

90.0423, 97.4454, 86.0146



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.9823, 96.7271, 97.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.0423, 97.4454, 86.0146 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(254, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 226)  
}
```

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(254, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 226) }
```

Border

The CSS property to change the border of an element to XYZ 90.0423, 97.4454, 86.0146 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(254, 254, 226) }
```


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

```
.border{ border-color:rgb(254, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 90.0423, 97.4454, 86.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 226) }
```

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

```
.background{ background-color: rgb(254,  
254, 226) }
```

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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