

Converting Colors

XYZ(90.5020, 97.4360, 89.3858)

Have a look what the booklet for
XYZ(90.5020, 97.4360, 89.3858)
contains.

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Color

**XYZ(90.7387, 97.7240,
89.6815)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFEE7
RGB	254, 254, 231
RGB Percent	100%, 100%, 91%
CMY	0.0039, 0.0039, 0.0941
CMYK	0.00, 0.00, 0.09, 0.00
HSL	60°, 92%, 95%
HSV	60°, 9%, 100%
XYZ	90.7387, 97.7240, 89.6815
YIQ	251.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 254, 231
Decimal	16711399
CIE Lab	99.11, -3.85, 11.00
CIE LCh	99, 11.650, 109.294
Yxy	97.7240, 0.3262, 0.3513
Android (android.graphics.Color)	4294901479 (0xFFFEFEE7)
YUV	251.3780, -10.0464, 2.2995
Hunter-Lab	98.8555, -9.1532, 15.4110

Details

The XYZ color **90.7387, 97.7240, 89.6815** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.4241, 81.2992, 105.2774**, and the grayscale version is **92.0877, 96.8835, 105.5061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.7301, 54.8980, 48.4800** is the 20% darker color. If you saturate the color by 10%, you get **87.4075, 96.3945, 72.1380**, and if you desaturate by 10%, it is **94.3693, 99.1797, 108.7775**.

Distribution



- Red (100%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.7387, 97.7240, 89.6815 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 90.7387, 97.7240, 89.6815 by changing the saturation by 10% instead.

90.7387, 97.7240,
89.6815

90.7387, 97.7240,
89.6815

518.6330,
552.8493, 547.5376

68.9318, 74.4042,
67.1443

147.2372,
158.0226, 148.8276

50.9326, 55.1249,
48.7396

182.6595,
195.7702, 186.2735

36.3758, 39.5018,
34.0488

223.3509,
239.0959, 229.5261

24.8960, 27.1503,
22.6534

269.6769,
288.3841, 279.0038

16.1279, 17.6861,
14.1349

322.0027,
344.0191, 335.1253

9.7061, 10.7249,
8.0747

380.6938,

5.2653, 5.8822,

406.3854, 398.3091

4.0543

446.1154,
475.8673, 468.9737

■ 2.4401, 2.7736,
1.6552

■ 0.8652, 1.0147,
0.3298

■ 90.7387, 97.7240,
89.6815

■ 90.7387, 97.7240,
89.6815

■ 87.4075, 96.3945,
72.1380

94.3693, 99.1797,
108.7775

■ 84.5719, 95.2600,
57.2169


94.3713, 99.1807,
108.7776


■ 82.2108, 94.3154,
44.7941


94.3733, 99.1818,
108.7777


■ 80.2983, 93.5501,
34.7332


94.3754, 99.1828,
108.7778

 78.8058, 92.9529, 94.3774, 99.1838,
26.8846 108.7779

 77.7019, 92.5111, 94.3794, 99.1849,
21.0818 108.7780

 76.9503, 92.2102, 94.3814, 99.1859,
17.1347 108.7781

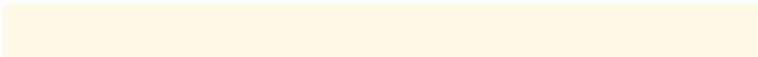
 76.5083, 92.0332, 94.3834, 99.1870,
14.8177 108.7782

 76.3123, 91.9545, 94.3855, 99.1880,
13.7957 108.7783

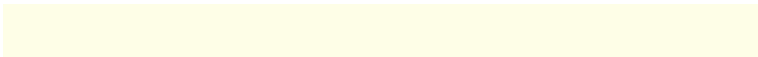
Harmonies

Analogous

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



94.1044, 97.7240, 89.0351



90.7387, 97.7240, 89.6815



88.0118, 97.7240, 94.6466

Triad

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



90.7387, 97.7240, 89.6815



88.6818, 97.7240, 121.2504



99.4619, 97.7240, 109.9238

Complementary

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



90.7387, 97.7240, 89.6815



79.4241, 81.2992, 105.2774

Split Complementary

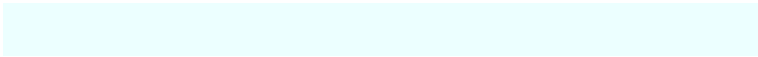
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.9322, 97.7240, 119.0987



90.7387, 97.7240, 89.6815



91.6736, 97.7240, 125.8984

Square

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



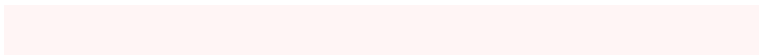
90.7387, 97.7240, 89.6815



86.8445, 97.7240, 112.7168



95.0623, 97.7240, 125.0877



99.1967, 97.7240, 100.3330

Rectangle

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



90.7387, 97.7240, 89.6815



86.8972, 97.7240, 99.9163



95.0623, 97.7240, 125.0877



99.1391, 97.7240, 113.1683

Sweetspot

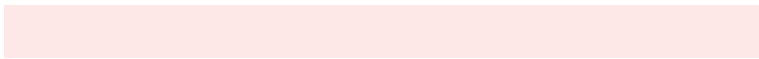
The Sweet Spot groups the original color and five complimentary colors.



90.7414, 97.7283, 89.6836



93.8420, 99.5167, 102.5418



83.8759, 83.9946, 87.3946



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.



90.7414, 97.7283, 89.6836



90.8560, 98.3221, 86.8263



86.6591, 95.6238, 89.4926



19.5609, 21.0906, 19.1843



40.2237, 48.4742, 7.2364



3.9166, 4.7198, 0.7046

Inverse Universe

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



79.4241, 81.2992, 105.2774



77.1701, 78.4546, 105.6837



83.2581, 83.2756, 105.4568



17.0035, 17.3780, 22.7081



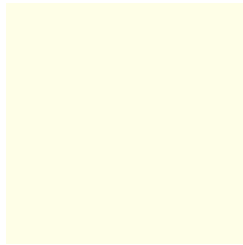
9.4320, 3.7729, 49.6657



0.9185, 0.3674, 4.8358

Previews

White Background



This preview shows how the XYZ color 90.7387, 97.7240, 89.6815 looks on a white background.

Color Contrast Check

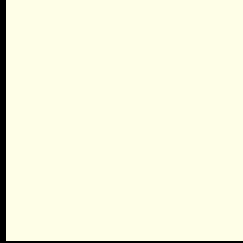
Large Text (above 18pt) WCAG AA × Fail

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 90.7387, 97.7240, 89.6815 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 90.7387, 97.7240, 89.6815

Background



This preview shows how black text looks on a background with the XYZ color 90.7387, 97.7240, 89.6815.

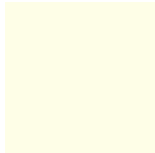


This preview shows how white text looks on a background with the XYZ color 90.7387, 97.7240,

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

90.7387, 97.7240, 89.6815



Protanopia

92.8389, 97.5962, 101.9405

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.7335, 97.9116, 108.5663

Trichromacy



Original Color

90.7387, 97.7240, 89.6815

Protanomaly

92.2425, 97.8614, 97.2465

Deuteranomaly

92.6944, 98.0422, 99.6265

Tritanomaly

92.6329, 97.9752, 101.2176

Monochromacy



Original Color

90.7387, 97.7240, 89.6815



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

91.2844, 96.8479, 99.4703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.7387, 97.7240, 89.6815 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 231) }
```

Border

The CSS property to change the border of an element to XYZ 90.7387, 97.7240, 89.6815 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, 231) }
```


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

```
.border{ border-color:rgb(254, 254, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 90.7387, 97.7240, 89.6815 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, 231) }
```

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

```
.background{ background-color: rgb(254,  
254, 231) }
```

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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