

Converting Colors

XYZ(177.7814, 275.1424,
110.7391)

Have a look what the booklet for
XYZ(177.7814, 275.1424, 110.7391)
contains.

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Color

**XYZ(89.0542, 97.5171,
81.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD8
RGB	253, 255, 219
RGB Percent	99%, 100%, 86%
CMY	0.0078, 0.0000, 0.1412
CMYK	0.01, 0.00, 0.14, 0.00
HSL	63°, 100%, 93%
HSV	63°, 14%, 100%
XYZ	89.0542, 97.5171, 81.1469
YIQ	250.2980, 10.3640, -11.6200

Conversions

Conversions Part 2

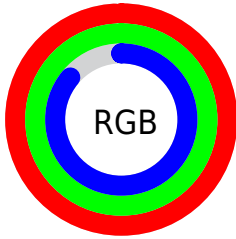
Format	Color
R _Y B	219, 255, 221
Decimal	16646107
CIE Lab	99.03, -6.56, 17.00
CIE LCh	99, 18.225, 111.112
Yxy	97.5171, 0.3326, 0.3643
Android (android.graphics.Color)	4294836187 (0xFFFDFFDB)
YUV	250.2980, -15.4299, 2.3697
Hunter-Lab	98.7507, -11.8411, 20.4049

Details

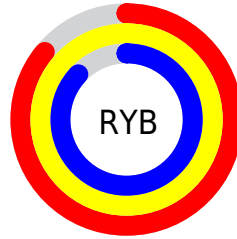
The XYZ color **89.0542, 97.5171, 81.1469** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.2012, 73.2565, 104.8895**, and the grayscale version is **91.2295, 95.9806, 104.5229**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6599, 54.8043, 43.0829** is the 20% darker color. If you saturate the color by 10%, you get **85.4365, 96.0107, 64.7752**, and if you desaturate by 10%, it is **93.1913, 99.2318, 100.2301**.

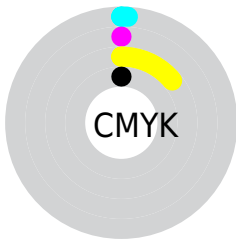
Distribution



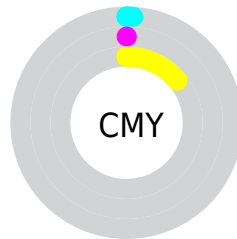
- Red (99%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.0542, 97.5171, 81.1469 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 89.0542, 97.5171, 81.1469 by changing the saturation by 10% instead.


 89.0542, 97.5171,
81.1469

 89.0542, 97.5171,
81.1469


513.2333,
552.1922, 518.5979

 67.5302, 74.2317,
60.1309


144.9090,
157.7375, 136.8029

 49.7879, 54.9837,
43.0982


179.9704,
195.4414, 172.2800

 35.4620, 39.3887,
29.6302


220.2750,
238.7202, 213.4146

 24.1871, 27.0622,
19.3084

266.1882,
287.9583, 260.6251

 15.5980, 17.6200,
11.7143

318.0752,
343.5402, 314.3302

 9.3292, 10.6775,
6.4292

376.3015,

 5.0153, 5.8504,

405.8502, 374.9483

3.0348

441.2324,
475.2727, 442.8981

■ 2.2911, 2.7543,
1.1124

■ 0.7901, 1.0049,
0.0000

■ 89.0542, 97.5171,
81.1469

■ 89.0542, 97.5171,
81.1469

■ 85.4365, 96.0107,
64.7752


■ 93.1913, 99.2318,
100.2301


■ 82.3130, 94.7024,
50.9879


95.0500, 100.0000,
108.9000


■ 79.6591, 93.5824,
39.6540


■ 77.4476, 92.6398,
30.6296

 75.6483, 91.8625,
23.7556

 74.2270, 91.2369,
18.8529

 73.1443, 90.7471,
15.7134

 72.3519, 90.3738,
14.0826

 71.9808, 90.1925,
13.6151

Harmonies

Analogous

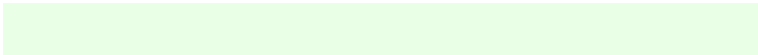
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2752, 97.5171, 79.8058



89.0542, 97.5171, 81.1469



84.9570, 97.5171, 88.8427

Triad

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



89.0542, 97.5171, 81.1469



86.4174, 97.5171, 130.6321



103.1562, 97.5171, 110.7666

Complementary

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



89.0542, 97.5171, 81.1469



73.2012, 73.2565, 104.8895

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.



100.8724, 97.5171, 125.6367



89.0542, 97.5171, 81.1469



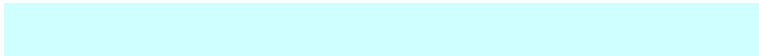
91.1169, 97.5171, 137.8045

Square

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



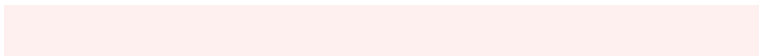
89.0542, 97.5171, 81.1469



83.4756, 97.5171, 117.0756



96.4174, 97.5171, 135.8939



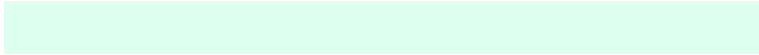
102.5524, 97.5171, 95.9814

Rectangle

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



89.0542, 97.5171, 81.1469



83.3491, 97.5171, 96.9829



96.4174, 97.5171, 135.8939



102.6976, 97.5171, 115.9400

Sweetspot

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



89.0548, 97.5174, 81.1483



93.2428, 99.2531, 100.4695



79.8307, 77.9830, 77.8640



19.8871, 21.2150, 21.1761



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

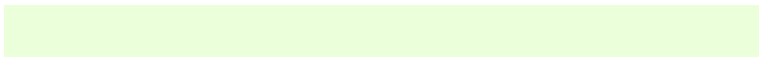
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0548, 97.5174, 81.1483



87.9594, 97.0621, 76.1550



82.8739, 94.3310, 80.8591



19.4557, 21.0363, 19.1793



37.6547, 47.1498, 7.1162



3.6955, 4.6059, 0.6942

Inverse Universe

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



73.2012, 73.2565, 104.8895



69.2544, 68.4369, 104.1673



78.9115, 76.2002, 105.1568



17.0963, 17.4259, 22.7124



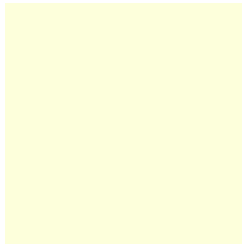
9.5646, 3.8412, 49.6719



0.9626, 0.3902, 4.8378

Previews

White Background



This preview shows how the XYZ color 89.0542, 97.5171, 81.1469 looks on a white background.

Color Contrast Check

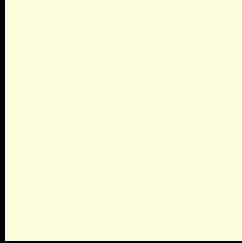
Large Text (above 18pt) WCAG AA × Fail

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 89.0542, 97.5171, 81.1469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

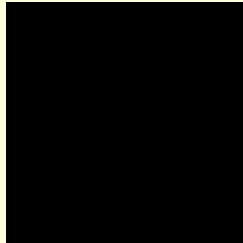
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.0542, 97.5171, 81.1469

Background



This preview shows how black text looks on a background with the XYZ color 89.0542, 97.5171, 81.1469.



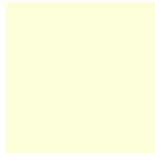
This preview shows how white text looks on a background with the XYZ color 89.0542, 97.5171,

81.1469.

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

89.0542, 97.5171, 81.1469



Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

93.3057, 97.7829, 104.3987

Tritanopia

93.4202, 97.2852, 108.4619

Trichromacy



Original Color

89.0542, 97.5171, 81.1469



Protanomaly

91.1387, 97.3775, 93.3491

Deuteranomaly

91.5783, 97.5534, 95.6643

Tritanomaly

91.7105, 97.1024, 97.9134

Monochromacy



Original Color

89.0542, 97.5171, 81.1469



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.1741, 96.3620, 95.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0542, 97.5171, 81.1469 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(253, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 219)  
}
```

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(253, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 219) }
```

Border

The CSS property to change the border of an element to XYZ 89.0542, 97.5171, 81.1469 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(253, 255, 219) }
```


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

```
.border{ border-color:rgb(253, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 255, 219); box-shadow:4px 4px 4px 4px rgb(253, 255, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0542, 97.5171, 81.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 219) }
```

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

```
.background{ background-color: rgb(253,  
255, 219) }
```

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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