

Converting Colors

XYZ(89.0171, 96.8267, 79.4755)

Have a look what the booklet for
XYZ(89.0171, 96.8267, 79.4755)
contains.

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Color

**XYZ(89.2062, 97.1534,
79.6964)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFED9
RGB	255, 254, 217
RGB Percent	100%, 100%, 85%
CMY	0.0000, 0.0039, 0.1490
CMYK	0.00, 0.00, 0.15, 0.00
HSL	58°, 100%, 93%
HSV	58°, 15%, 100%
XYZ	89.2062, 97.1534, 79.6964
YIQ	250.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

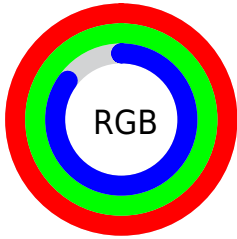
Format	Color
R_{YB}	218, 255, 217
Decimal	16776921
CIE _{Lab}	98.89, -5.67, 17.84
CIE _{LCh}	99, 18.721, 107.627
Yxy	97.1534, 0.3353, 0.3652
Android (android.graphics.Color)	4294967001 (0xFFFFFED9)
YUV	250.0810, -16.3089, 4.3140
Hunter-Lab	98.5664, -10.9422, 21.0573

Details

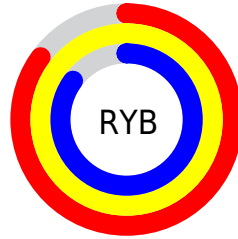
The XYZ color **89.2062, 97.1534, 79.6964** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.7361, 72.1125, 104.7460**, and the grayscale version is **91.0586, 95.8008, 104.3270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.7765, 54.5469, 42.0875** is the 20% darker color. If you saturate the color by 10%, you get **85.9319, 95.5089, 63.4863**, and if you desaturate by 10%, it is **92.9984, 99.0127, 98.6100**.

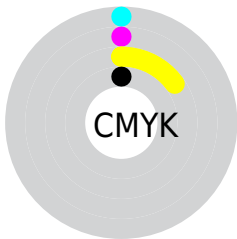
Distribution



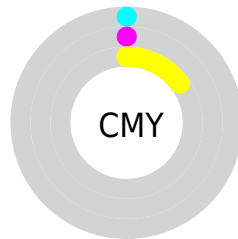
- Red (100%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.2062, 97.1534, 79.6964 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 89.2062, 97.1534, 79.6964 by changing the saturation by 10% instead.


 89.2062, 97.1534,
79.6964

 89.2062, 97.1534,
79.6964


513.7217,
551.0361, 513.5889

 67.6566, 73.9285,
58.9439


145.1192,
157.2363, 134.7463

 49.8910, 54.7356,
42.1482


180.2134,
194.8631, 169.8808

 35.5443, 39.1900,
28.8909


220.5530,
238.0594, 210.6464

 24.2509, 26.9076,
18.7535

266.5035,
287.2095, 257.4615

 15.6456, 17.5038,
11.3173

318.4303,
342.6978, 310.7448

 9.3630, 10.5944,
6.1638

376.6987,

 5.0377, 5.7948,

404.9087, 370.9147

2.8745

441.6741,
474.2267, 438.3899

■ 2.3044, 2.7207,
1.0309

■ 0.7969, 0.9877,
0.0000

■ 89.2062, 97.1534,
79.6964

■ 89.2062, 97.1534,
79.6964

■ 85.9319, 95.5089,
63.4863

■ 92.9984, 99.0127,
98.6100

■ 83.1452, 94.0573,
49.8500

95.0500, 100.0000,
108.9000

■ 80.8230, 92.7928,
38.6564

■ 78.9378, 91.7043,
29.7605

■ 77.4592, 90.7795,
23.0017

■ 76.3528, 90.0048,
18.1992

■ 75.5785, 89.3641,
15.1421

■ 75.0870, 88.8377,
13.5707

■ 74.9095, 88.5991,
13.1532

Harmonies

Analogous

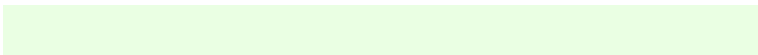
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6036, 97.1534, 79.1086



89.2062, 97.1534, 79.6964



84.8185, 97.1534, 86.8301

Triad

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



89.2062, 97.1534, 79.6964



85.4617, 97.1534, 129.5246



102.9532, 97.1534, 112.3411

Complementary

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



89.2062, 97.1534, 79.6964



71.7361, 72.1125, 104.7460

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.



100.2964, 97.1534, 127.3120



89.2062, 97.1534, 79.6964



90.1156, 97.1534, 137.8674

Square

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



89.2062, 97.1534, 79.6964



82.7158, 97.1534, 115.1285



95.5492, 97.1534, 137.0200



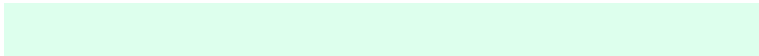
102.6862, 97.1534, 96.9585

Rectangle

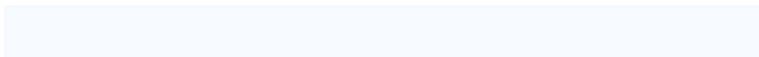
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2062, 97.1534, 79.6964



82.9917, 97.1534, 94.7731



95.5492, 97.1534, 137.0200



102.3682, 97.1534, 117.6153

Sweetspot

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



89.2085, 97.1575, 79.6985



93.3659, 99.1903, 100.4509



78.7434, 75.9627, 77.0261



19.9184, 21.1990, 21.1714



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.



89.2085, 97.1575, 79.6985



88.1393, 96.6250, 74.3916



83.2991, 94.5805, 79.5125



19.5181, 21.0044, 19.1699



39.1602, 46.3316, 6.8789



3.8253, 4.5359, 0.6739

Inverse Universe

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



71.7361, 72.1125, 104.7460



67.4936, 67.0315, 103.9888



77.0367, 74.4637, 104.9204



17.0411, 17.4538, 22.7207



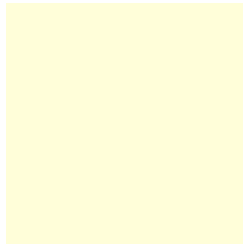
9.4858, 3.8812, 49.6838



0.9364, 0.4035, 4.8418

Previews

White Background



This preview shows how the XYZ color 89.2062, 97.1534, 79.6964 looks on a white background.

Color Contrast Check

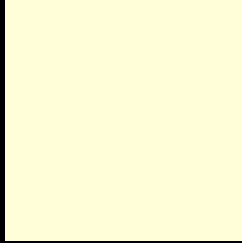
Large Text (above 18pt) WCAG AA × Fail

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 89.2062, 97.1534, 79.6964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

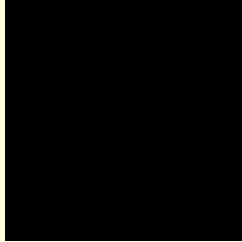
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2062, 97.1534, 79.6964

Background



This preview shows how black text looks on a background with the XYZ color 89.2062, 97.1534, 79.6964.



This preview shows how white text looks on a background with the XYZ color 89.2062, 97.1534,

79.6964.

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

89.2062, 97.1534, 79.6964



Protanopia

92.2281, 97.3519, 98.7239

Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

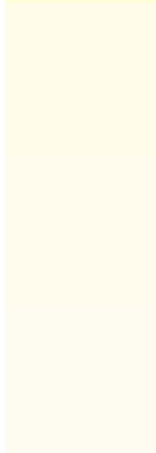
93.4202, 97.2852, 108.4619

Trichromacy



Original Color

89.2062, 97.1534, 79.6964



Protanomaly

91.2166, 97.4511, 91.8442

Deuteranomaly

91.3365, 96.9952, 94.0288

Tritanomaly

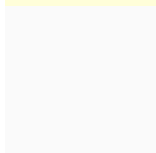
91.5606, 97.0425, 97.1244

Monochromacy



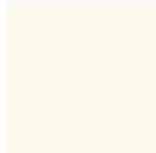
Original Color

89.2062, 97.1534, 79.6964



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.0747, 95.8629, 94.6449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2062, 97.1534, 79.6964 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 217) }
```

Border

The CSS property to change the border of an element to XYZ 89.2062, 97.1534, 79.6964 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, 217) }
```


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

```
.border{ border-color:rgb(255, 254, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2062, 97.1534, 79.6964 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
254, 217) }
```

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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