

Converting Colors

XYZ(84.2927, 82.5937, 67.1807)

Have a look what the booklet for
XYZ(84.2927, 82.5937, 67.1807)
contains.

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Color

**XYZ(79.0970, 79.9170,
67.1338)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CA
RGB	255, 226, 202
RGB Percent	100%, 89%, 79%
CMY	0.0000, 0.1137, 0.2078
CMYK	0.00, 0.11, 0.21, 0.00
HSL	27°, 100%, 90%
HSV	27°, 21%, 100%
XYZ	79.0970, 79.9170, 67.1338
YIQ	231.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

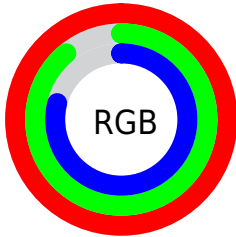
Format	Color
R_{YB}	255, 246, 202
Decimal	16769738
CIE _{Lab}	91.65, 6.30, 15.37
CIE _{LCh}	92, 16.616, 67.704
Yxy	79.9170, 0.3498, 0.3534
Android (android.graphics.Color)	4294959818 (0xFFFFE2CA)
YUV	231.9350, -14.7580, 20.2280
Hunter-Lab	89.3963, 1.4916, 18.0525

Details

The XYZ color **79.0970, 79.9170, 67.1338** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9822, 76.9261, 105.7148**, and the grayscale version is **76.7487, 80.7456, 87.9319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1969, 43.2697, 34.0921** is the 20% darker color. If you saturate the color by 10%, you get **72.6837, 71.5295, 51.3108**, and if you desaturate by 10%, it is **86.3218, 89.1284, 85.6906**.

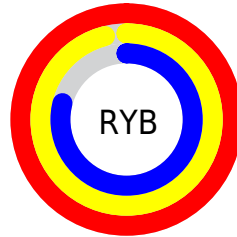
Distribution



Red (100%)

Green (89%)

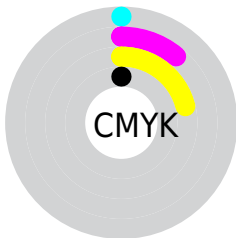
Blue (79%)



Red (100%)

Yellow (96%)

Blue (79%)

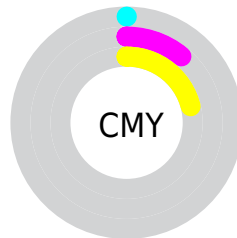


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0970, 79.9170, 67.1338 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 79.0970, 79.9170, 67.1338 by changing the saturation by 10% instead.


 79.0970, 79.9170,
67.1338

 79.0970, 79.9170,
67.1338

480.6674,
494.6531, 468.9353

 59.2815, 59.6501,
48.7311


131.0526,
133.2490, 116.7546

 43.0870, 43.1366,
34.0421


163.9234,
167.0829, 148.8097

 30.1482, 29.9923,
22.6483


201.8767,
206.2079, 186.2528

 20.0997, 19.8328,
14.1312

245.2778,
251.0084, 229.5023

 12.5762, 12.2735,
8.0722

294.4920,
301.8687, 278.9767

 7.2124, 6.9303,
4.0527

349.8848,

 3.6428, 3.4185,

359.1734, 335.0947

1.6543

411.8215,
423.3067, 398.2747

■ 1.5021, 1.3539,
0.3291

■ 0.3273, 0.1824,
0.0000

■ 79.0970, 79.9170,
67.1338

■ 79.0970, 79.9170,
67.1338

■ 72.6837, 71.5295,
51.3108

■ 86.3218, 89.1284,
85.6906

■ 67.0443, 63.9310,
38.0852

■ 94.3822, 99.1765,
107.0985

■ 62.1467, 57.0992,
27.3163

■ 95.0500, 100.0000,
108.9000

■ 57.9536, 51.0066,
18.8478

■ 54.4243, 45.6238,
12.5054

■ 51.5128, 40.9186,
8.0890

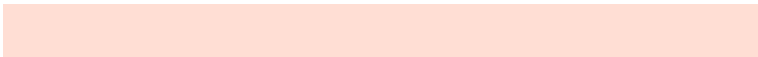
■ 49.1652, 36.8549,
5.3596

■ 47.4276, 33.6352,
3.9925

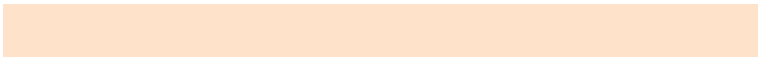
Harmonies

Analogous

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



82.5999, 79.9170, 73.4908



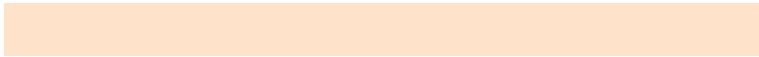
79.0970, 79.9170, 67.1338



74.8700, 79.9170, 65.8497

Triad

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



79.0970, 79.9170, 67.1338



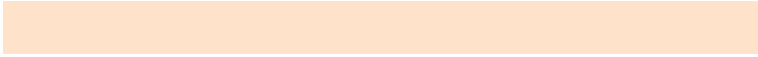
68.1554, 79.9170, 90.1869



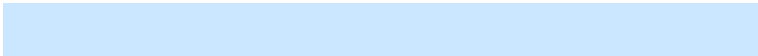
81.0597, 79.9170, 106.8476

Complementary

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



79.0970, 79.9170, 67.1338



70.9822, 76.9261, 105.7148

Split Complementary

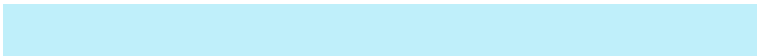
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0580, 79.9170, 112.2919



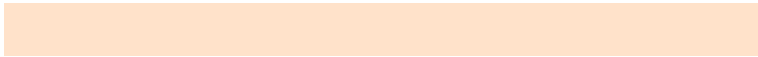
79.0970, 79.9170, 67.1338



69.6834, 79.9170, 102.1065

Square

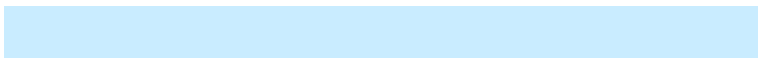
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0970, 79.9170, 67.1338



68.6557, 79.9170, 78.4470



72.9046, 79.9170, 110.4807



83.7621, 79.9170, 96.1874

Rectangle

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



79.0970, 79.9170, 67.1338



72.2276, 79.9170, 67.9208



72.9046, 79.9170, 110.4807



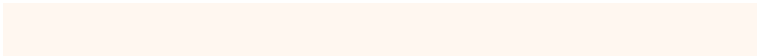
79.8161, 79.9170, 109.3915

Sweetspot

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



79.0990, 79.9205, 67.1355



90.0713, 93.8288, 95.5681



76.8061, 69.2799, 85.0373



19.1669, 19.9434, 20.1585



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.



79.0990, 79.9205, 67.1355



76.2974, 76.2843, 60.1376



86.8213, 95.3653, 69.7096



18.6870, 19.3421, 18.8928



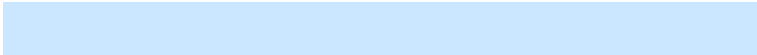
24.9266, 17.8643, 2.1344



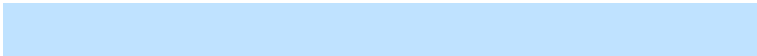
2.5344, 1.9542, 0.2436

Inverse Universe

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



70.9822, 76.9261, 105.7148



66.8293, 72.7899, 105.1353



64.1557, 63.2730, 103.4393



17.8267, 19.0249, 22.9826



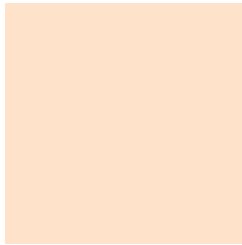
14.4452, 13.7999, 51.3369



1.5157, 1.5621, 5.0349

Previews

White Background



This preview shows how the XYZ color 79.0970, 79.9170, 67.1338 looks on a white background.

Color Contrast Check

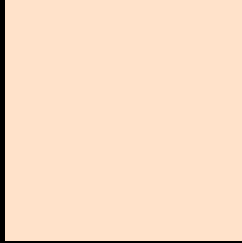
Large Text (above 18pt) WCAG AA × Fail

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 79.0970, 79.9170, 67.1338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

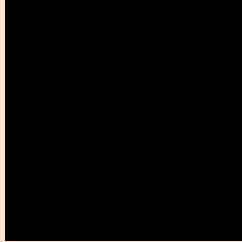
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0970, 79.9170, 67.1338

Background



This preview shows how black text looks on a background with the XYZ color 79.0970, 79.9170, 67.1338.



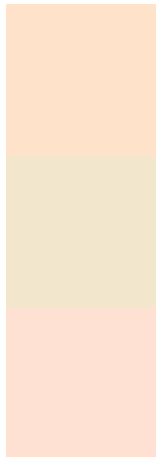
This preview shows how white text looks on a background with the XYZ color 79.0970, 79.9170,

67.1338.

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

79.0970, 79.9170, 67.1338

Protanopia

75.8138, 79.8305, 68.5398

Deuteranopia

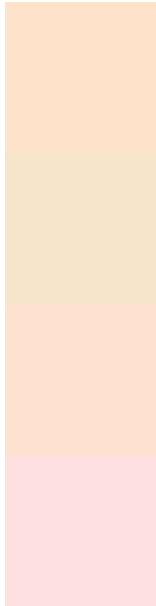
79.9231, 79.8136, 72.8212



Tritanopia

82.9137, 80.1498, 91.2212

Trichromacy



Original Color

79.0970, 79.9170, 67.1338

Protanomaly

77.1566, 80.1246, 67.8989

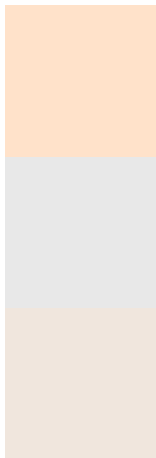
Deuteranomaly

79.5504, 79.6645, 70.8585

Tritanomaly

81.3502, 79.9531, 81.6659

Monochromacy



Original Color

79.0970, 79.9170, 67.1338

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2831, 80.3394, 79.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0970, 79.9170, 67.1338 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, 226, 202) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 202)  
}
```

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, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 202) }
```

Border

The CSS property to change the border of an element to XYZ 79.0970, 79.9170, 67.1338 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, 226, 202) }
```


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

```
.border{ border-color:rgb(255, 226, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0970, 79.9170, 67.1338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 202) }
```

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

```
.background{ background-color: rgb(255,  
226, 202) }
```

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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