

Converting Colors

XYZ(75.1054, 82.1419, 67.9875)

Have a look what the booklet for
XYZ(75.1054, 82.1419, 67.9875)
contains.

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Color

**XYZ(74.9171, 81.9173,
67.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	EBECCA
RGB	235, 236, 202
RGB Percent	92%, 93%, 79%
CMY	0.0784, 0.0745, 0.2078
CMYK	0.00, 0.00, 0.14, 0.07
HSL	62°, 47%, 86%
HSV	62°, 14%, 93%
XYZ	74.9171, 81.9173, 67.7402
YIQ	231.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

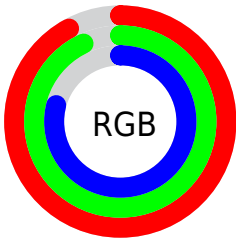
Format	Color
R_{YB}	202, 236, 203
Decimal	15461578
CIE Lab	92.54, -5.97, 16.40
CIE LCh	93, 17.452, 110.004
Yxy	81.9173, 0.3336, 0.3648
Android (android.graphics.Color)	4293651658 (0xFFEBECCA)
YUV	231.8250, -14.7037, 2.7845
Hunter-Lab	90.5082, -10.6380, 18.9805

Details

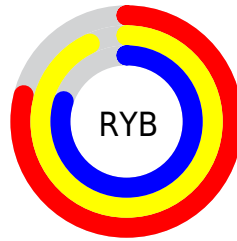
The XYZ color **74.9171, 81.9173, 67.7402** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.8925, 60.9959, 87.9252**, and the grayscale version is **76.6738, 80.6668, 87.8462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2570, 44.3643, 34.4584** is the 20% darker color. If you saturate the color by 10%, you get **72.1048, 80.7686, 54.1206**, and if you desaturate by 10%, it is **78.1621, 83.2447, 83.6141**.

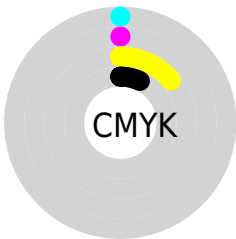
Distribution



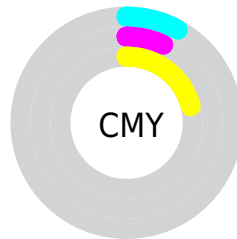
- Red (92%)
- Green (93%)
- Blue (79%)



- Red (79%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9171, 81.9173, 67.7402 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 74.9171, 81.9173, 67.7402 by changing the saturation by 10% instead.

74.9171, 81.9173,
67.7402

74.9171, 81.9173,
67.7402

466.6342,
501.3710, 471.1480

55.8389, 61.2974,
49.2210

125.1835,
136.0580, 117.6311

40.3103, 44.4652,
34.4280

157.1025,
170.3476, 149.8399

27.9658, 31.0364,
22.9426

194.0324,
209.9625, 187.4490

18.4402, 20.6266,
14.3462

236.3387,
255.2872, 230.8770

11.3681, 12.8513,
8.2204

284.3867,
306.7060, 280.5423

6.3841, 7.3262,
4.1465

338.5416,

3.1229, 3.6670,

364.6033, 336.8636

1.7060

399.1690,
429.3635, 400.2593

■ 1.2191, 1.4891,
0.3649

■ 0.1214, 0.2810,
0.0000

■ 74.9171, 81.9173,
67.7402

■ 74.9171, 81.9173,
67.7402

■ 72.1048, 80.7686,
54.1206

■ 78.1621, 83.2447,
83.6141

■ 69.6994, 79.7800,
42.6482

■ 81.8513, 84.7471,
101.8325

■ 67.6820, 78.9467,
33.2149

■ 83.0032, 85.2347,
106.6850

■ 66.0301, 78.2597,
25.7014

■ 83.2366, 85.3551,
106.6959

64.7186, 77.7089,
19.9756

83.4709, 85.4759,
106.7068

63.7193, 77.2832,
15.8892

83.7062, 85.5971,
106.7179

62.9995, 76.9693,
13.2698

83.9423, 85.7189,
106.7289

62.5191, 76.7514,
11.9069

84.1794, 85.8411,
106.7400

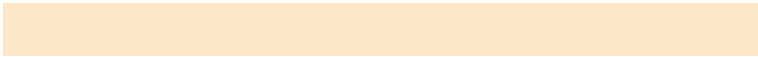
62.3206, 76.6576,
11.5117

84.4173, 85.9637,
106.7511

Harmonies

Analogous

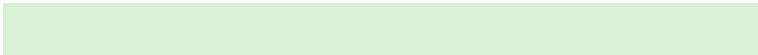
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3822, 81.9173, 66.8066



74.9171, 81.9173, 67.7402



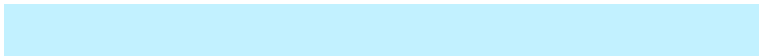
71.3737, 81.9173, 74.0973

Triad

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



74.9171, 81.9173, 67.7402



72.3928, 81.9173, 109.7095



86.7600, 81.9173, 93.5960

Complementary

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



74.9171, 81.9173, 67.7402



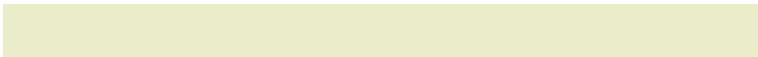
60.8925, 60.9959, 87.9252

Split Complementary

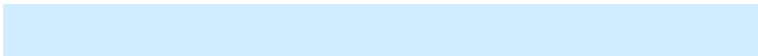
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7277, 81.9173, 106.2134



74.9171, 81.9173, 67.7402



76.3573, 81.9173, 116.0956

Square

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



74.9171, 81.9173, 67.7402



69.9560, 81.9173, 98.0058



80.8788, 81.9173, 114.7575



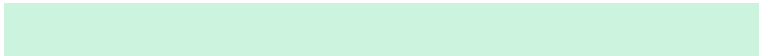
86.3379, 81.9173, 80.9269

Rectangle

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



74.9171, 81.9173, 67.7402



69.9556, 81.9173, 80.9301



80.8788, 81.9173, 114.7575



86.3383, 81.9173, 98.0022

Sweetspot

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



74.9193, 81.9209, 67.7420



93.3401, 99.3032, 100.4741



66.5091, 64.6066, 64.8432



19.9119, 21.2278, 21.1773



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.



74.9193, 81.9209, 67.7420



88.3699, 97.2737, 76.1742



69.7023, 79.2315, 67.4978



16.3054, 17.6030, 16.0570



34.3709, 42.2633, 6.3461



2.7128, 3.3258, 0.4990

Inverse Universe

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



60.8925, 60.9959, 87.9252



68.9266, 68.2680, 104.1520



65.6475, 63.4471, 88.1478



14.2723, 14.5701, 18.9823



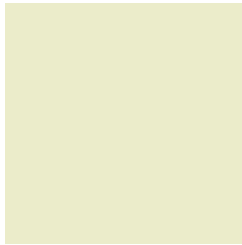
8.4126, 3.3728, 43.9506



0.6751, 0.2723, 3.4519

Previews

White Background



This preview shows how the XYZ color 74.9171, 81.9173, 67.7402 looks on a white background.

Color Contrast Check

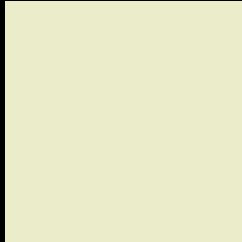
Large Text (above 18pt) WCAG AA × Fail

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 74.9171, 81.9173, 67.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

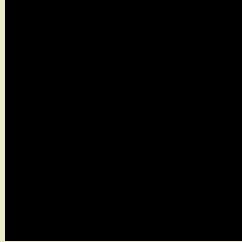
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

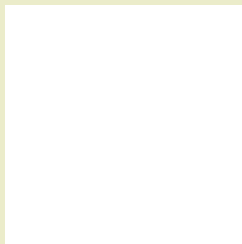
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9171, 81.9173, 67.7402

Background



This preview shows how black text looks on a background with the XYZ color 74.9171, 81.9173, 67.7402.



This preview shows how white text looks on a background with the XYZ color 74.9171, 81.9173,

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

74.9171, 81.9173, 67.7402

Protanopia

77.2204, 81.8604, 66.3743

Deuteranopia

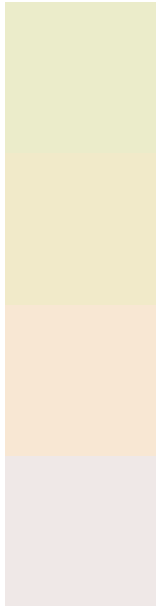
81.3781, 81.7047, 76.4472



Tritanopia

81.5157, 82.0717, 100.3520

Trichromacy



Original Color

74.9171, 81.9173, 67.7402

Protanomaly

76.2411, 81.7635, 67.0219

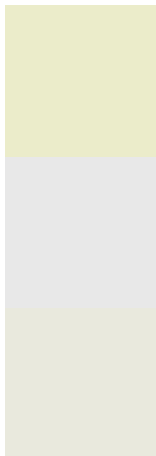
Deuteranomaly

79.0452, 81.8114, 73.2531

Tritanomaly

78.8770, 81.8335, 87.2395

Monochromacy



Original Color

74.9171, 81.9173, 67.7402

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7943, 80.8219, 80.0120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9171, 81.9173, 67.7402 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(235, 236, 202) looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 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(235, 236, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 202) }
```

Border

The CSS property to change the border of an element to XYZ 74.9171, 81.9173, 67.7402 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(235, 236, 202) }
```


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

```
.border{ border-color:rgb(235, 236, 202) }
```

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

Here you see how a box with a 4 pixel rgb(235, 236, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 202);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9171, 81.9173, 67.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 202) }
```

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

```
.background{ background-color: rgb(235,  
236, 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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