

Converting Colors

XYZ(75.1820, 84.6136, 75.4402)

Have a look what the booklet for
XYZ(75.1820, 84.6136, 75.4402)
contains.

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Color

**XYZ(75.1264, 84.4771,
75.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F2D5
RGB	226, 242, 213
RGB Percent	89%, 95%, 84%
CMY	0.1137, 0.0510, 0.1647
CMYK	0.07, 0.00, 0.12, 0.05
HSL	93°, 53%, 89%
HSV	93°, 12%, 95%
XYZ	75.1264, 84.4771, 75.2969
YIQ	233.9100, -0.2270, -12.4110

Conversions

Conversions Part 2

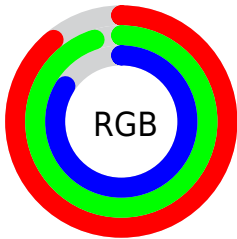
Format	Color
R _Y B	213, 242, 229
Decimal	14873301
CIE Lab	93.66, -10.36, 12.20
CIE LCh	94, 16.009, 130.343
Yxy	84.4771, 0.3198, 0.3596
Android (android.graphics.Color)	4293063381 (0xFFE2F2D5)
YUV	233.9100, -10.3086, -6.9371
Hunter-Lab	91.9114, -14.9430, 15.7657

Details

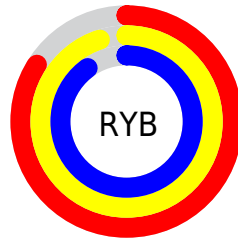
The XYZ color **75.1264, 84.4771, 75.2969** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.1377, 70.6596, 93.8454**, and the grayscale version is **78.2163, 82.2896, 89.6134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5250, 46.2444, 39.1379** is the 20% darker color. If you saturate the color by 10%, you get **68.2559, 81.2665, 60.1196**, and if you desaturate by 10%, it is **82.7861, 88.0465, 92.9073**.

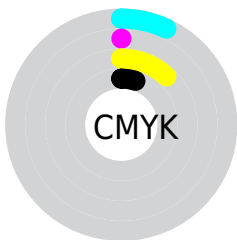
Distribution



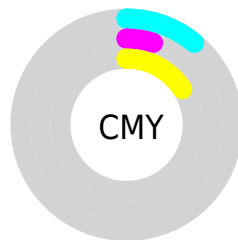
- Red (89%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)





- Cyan (11%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1264, 84.4771, 75.2969 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 75.1264, 84.4771, 75.2969 by changing the saturation by 10% instead.


 75.1264, 84.4771,
75.2969

 75.1264, 84.4771,
75.2969


467.3424,
509.8962, 498.2201

 56.0110, 63.4094,
55.3530


125.4782,
139.6424, 128.4835

 40.4488, 46.1725,
39.2839


157.4453,
174.5087, 162.5633

 28.0744, 32.3820,
26.6711


194.4271,
214.7435, 202.1920

 18.5225, 21.6534,
17.0961

236.7888,
260.7310, 247.7884

 11.4277, 13.6025,
10.1404

284.8958,
312.8556, 299.7708

 6.4247, 7.8447,
5.3853

339.1135,

 3.1481, 3.9957,

371.5017, 358.5578

2.4124

399.8073,
437.0538, 424.5681

■ 1.2326, 1.6712,
0.7932

■ 0.1318, 0.4049,
0.0000

■ 75.1264, 84.4771,
75.2969

■ 75.1264, 84.4771,
75.2969

■ 68.2559, 81.2665,
60.1196

■ 82.7861, 88.0465,
92.9073

■ 62.1401, 78.3920,
47.2631

■ 90.2060, 91.5557,
107.5254

■ 56.7520, 75.8444,
36.6142

■ 91.0438, 91.9876,
107.5646

■ 52.0598, 73.6103,
28.0483

■ 48.0295, 71.6749,
21.4282

■ 44.6233, 70.0223,
16.6004

■ 41.7987, 68.6343,
13.3882

■ 39.5058, 67.4899,
11.5787

■ 37.9950, 66.7250,
10.8767

Harmonies

Analogous

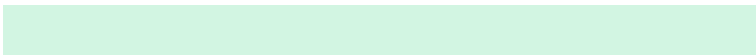
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8371, 84.4771, 70.8568



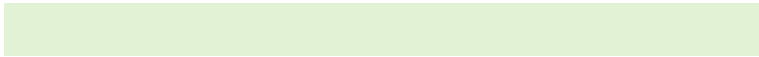
75.1264, 84.4771, 75.2969



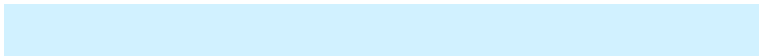
72.8523, 84.4771, 84.3429

Triad

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



75.1264, 84.4771, 75.2969



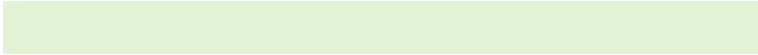
77.5796, 84.4771, 115.7863



88.5894, 84.4771, 87.8498

Complementary

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



75.1264, 84.4771, 75.2969



72.1377, 70.6596, 93.8454

Split Complementary

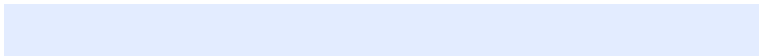
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2237, 84.4771, 100.0673



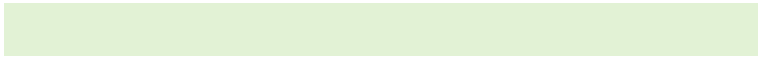
75.1264, 84.4771, 75.2969



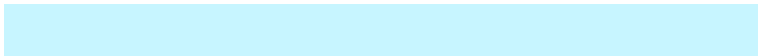
81.7666, 84.4771, 116.9350

Square

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



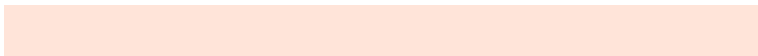
75.1264, 84.4771, 75.2969



74.2337, 84.4771, 107.9513



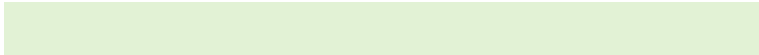
85.6911, 84.4771, 110.9642



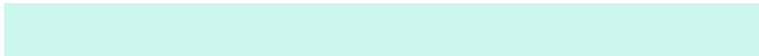
86.6732, 84.4771, 77.6693

Rectangle

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



75.1264, 84.4771, 75.2969



72.4077, 84.4771, 92.1210



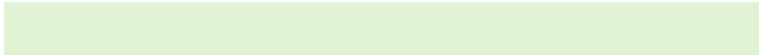
85.6911, 84.4771, 110.9642



88.7308, 84.4771, 91.8416

Sweetspot

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



75.1287, 84.4808, 75.2987



91.4104, 98.3085, 100.3838



76.6369, 79.6956, 74.2956



19.4226, 20.9755, 21.1544



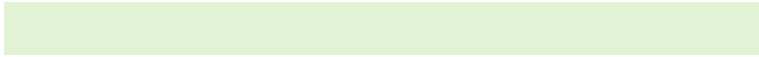
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

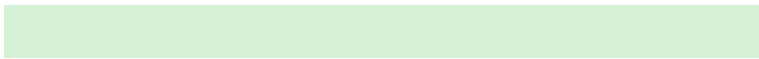
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1287, 84.4808, 75.2987



82.9460, 94.3637, 81.0674



71.3903, 82.5322, 76.0891



16.2386, 18.0032, 16.7688



20.5624, 35.9218, 5.8499



1.8235, 3.0466, 0.4919

Inverse Universe

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



72.1377, 70.6596, 93.8454



79.0563, 76.3903, 105.1858



76.2254, 72.7920, 92.9041



15.7312, 15.6587, 19.9149



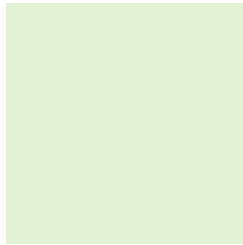
14.0116, 6.2286, 45.5916



1.2800, 0.5771, 3.7981

Previews

White Background



This preview shows how the XYZ color 75.1264, 84.4771, 75.2969 looks on a white background.

Color Contrast Check

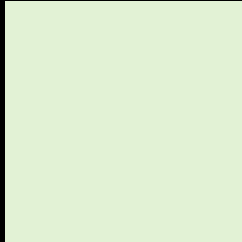
Large Text (above 18pt) WCAG AA × Fail

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 75.1264, 84.4771, 75.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

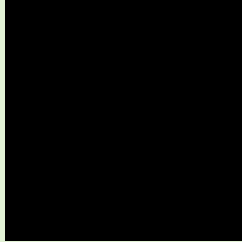
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

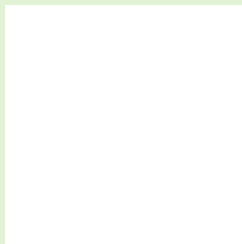
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1264, 84.4771, 75.2969

Background



This preview shows how black text looks on a background with the XYZ color 75.1264, 84.4771, 75.2969.



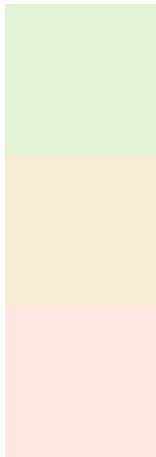
This preview shows how white text looks on a background with the XYZ color 75.1264, 84.4771,

75.2969.

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

75.1264, 84.4771, 75.2969

Protanopia

79.9861, 84.4182, 73.0514

Deuteranopia

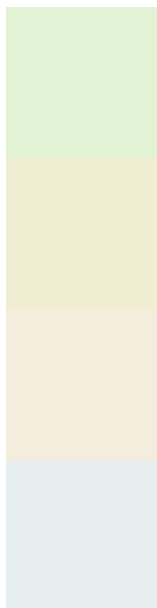
83.6872, 84.4095, 83.1160



Tritanopia

81.3242, 84.3667, 106.6059

Trichromacy



Original Color

75.1264, 84.4771, 75.2969

Protanomaly

77.9290, 84.2029, 73.7735

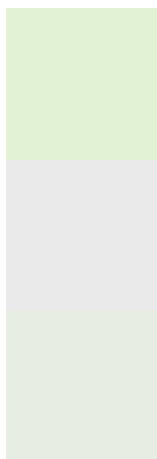
Deuteranomaly

80.3548, 84.4445, 80.4709

Tritanomaly

78.9358, 84.2633, 94.5422

Monochromacy



Original Color

75.1264, 84.4771, 75.2969

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.9667, 83.0483, 83.9249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1264, 84.4771, 75.2969 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(226, 242, 213) looks like.

```
.text, #text, p{  
    color:rgb(226, 242, 213)  
}
```

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(226, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 242, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.1264, 84.4771, 75.2969 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(226, 242, 213) }
```


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

```
.border{ border-color:rgb(226, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 242,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1264, 84.4771, 75.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 242, 213) }
```

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

```
.background{ background-color: rgb(226,  
242, 213) }
```

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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