

Converting Colors

XYZ(75.3967, 84.3013, 78.3266)

Have a look what the booklet for
XYZ(75.3967, 84.3013, 78.3266)
contains.

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Color

**XYZ(75.4742, 84.1413,
78.5926)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2F1DA |
| RGB | 226, 241, 218 |
| RGB Percent | 89%, 95%, 85% |
| CMY | 0.1137, 0.0549, 0.1451 |
| CMYK | 0.06, 0.00, 0.10, 0.05 |
| HSL | 99°, 45%, 90% |
| HSV | 99°, 10%, 95% |
| XYZ | 75.4742, 84.1413, 78.5926 |
| YIQ | 233.8930, -1.5570, -10.3330 |

Conversions

Conversions Part 2

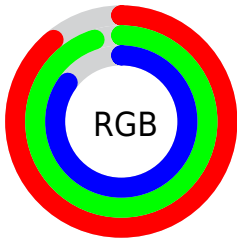
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 218, 241, 233 |
| Decimal | 14873050 |
| CIE _{Lab} | 93.51, -9.02, 9.41 |
| CIE _{LCh} | 94, 13.036, 133.809 |
| Yxy | 84.1413, 0.3168, 0.3532 |
| Android (android.graphics.Color) | 4293063130 (0xFFE2F1DA) |
| YUV | 233.8930, -7.8352, -6.9222 |
| Hunter-Lab | 91.7286, -13.6553, 13.4106 |

Details

The XYZ color **75.4742, 84.1413, 78.5926** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5562, 73.8196, 93.5426**, and the grayscale version is **78.1860, 82.2578, 89.5787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7544, 46.0002, 41.3813** is the 20% darker color. If you saturate the color by 10%, you get **67.8421, 80.5475, 62.9523**, and if you desaturate by 10%, it is **84.0216, 88.1588, 96.6729**.

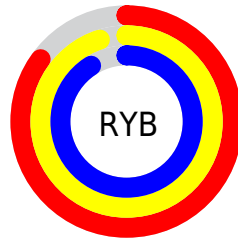
Distribution



Red (89%)

Green (95%)

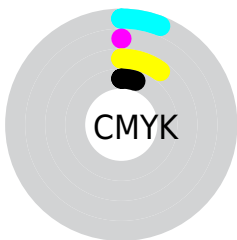
Blue (85%)



Red (85%)

Yellow (95%)

Blue (91%)

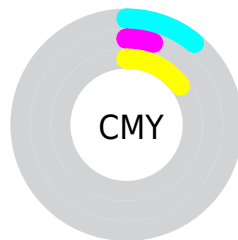


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (11%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4742, 84.1413, 78.5926 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 75.4742, 84.1413, 78.5926 by changing the saturation by 10% instead.

75.4742, 84.1413,
78.5926

75.4742, 84.1413,
78.5926

468.5180,
508.7823, 509.7582

56.2970, 63.1321,
58.0416

125.9677,
139.1728, 133.1786

40.6790, 45.9481,
41.4271

158.0147,
173.9639, 168.0507

28.2549, 32.2049,
28.3308

195.0824,
214.1178, 208.5336

18.6594, 21.5180,
18.3340

237.5361,
260.0188, 255.0457

11.5269, 13.5032,
11.0181

285.7411,
312.0514, 308.0057

6.4923, 7.7759,
5.9647

340.0629,

3.1902, 3.9519,

370.5999, 367.8321

2.7552

400.8667,
436.0488, 434.9434

■ 1.2551, 1.6467,
0.9710

■ 0.1492, 0.3888,
0.0000

■ 75.4742, 84.1413,
78.5926

■ 75.4742, 84.1413,
78.5926

■ 67.8421, 80.5475,
62.9523

■ 84.0216, 88.1588,
96.6729

■ 61.0864, 77.3525,
49.6423

■ 90.7470, 91.3939,
107.4657

■ 55.1759, 74.5448,
38.5525

■ 50.0744, 72.1086,
29.5617

■ 45.7430, 70.0267,
22.5372

■ 42.1391, 68.2803,
17.3313

■ 39.2153, 66.8487,
13.7750

■ 36.9171, 65.7082,
11.6681

■ 35.1662, 64.8254,
10.6906

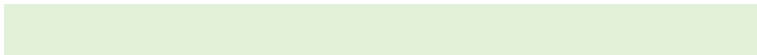
Harmonies

Analogous

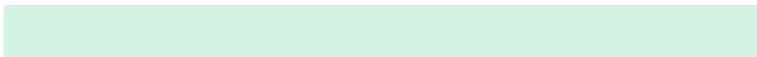
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4027, 84.1413, 74.3961



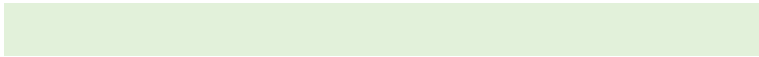
75.4742, 84.1413, 78.5926



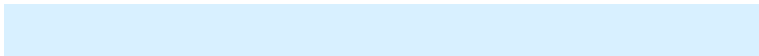
73.7781, 84.1413, 86.4255

Triad

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



75.4742, 84.1413, 78.5926



78.1404, 84.1413, 111.0736



86.5822, 84.1413, 87.1607

Complementary

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



75.4742, 84.1413, 78.5926



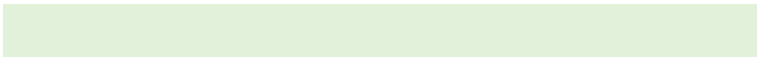
74.5562, 73.8196, 93.5426

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.



86.5070, 84.1413, 97.0094



75.4742, 84.1413, 78.5926



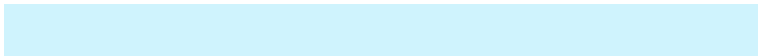
81.5657, 84.1413, 111.3059

Square

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



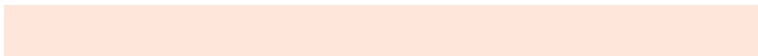
75.4742, 84.1413, 78.5926



75.2869, 84.1413, 105.3894



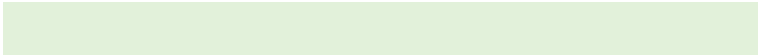
84.6487, 84.1413, 106.0031



84.8512, 84.1413, 79.0974

Rectangle

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



75.4742, 84.1413, 78.5926



73.5431, 84.1413, 92.8818



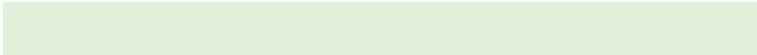
84.6487, 84.1413, 106.0031



86.7688, 84.1413, 90.3609

Sweetspot

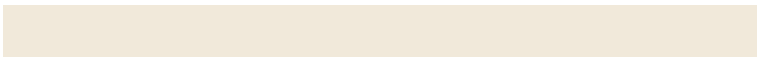
The Sweet Spot groups the original color and five complimentary colors.



75.4765, 84.1449, 78.5944



92.0306, 98.5829, 102.4570



78.0586, 82.0157, 78.0474



19.5291, 21.0213, 21.5708



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.



75.4765, 84.1449, 78.5944



84.4446, 95.0170, 86.5263



73.4824, 83.0642, 80.8831



16.0843, 17.9236, 16.7616



19.1619, 35.1999, 5.7843



1.6976, 2.9817, 0.4860

Inverse Universe

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



74.5562, 73.8196, 93.5426



83.2474, 81.5875, 105.9681



76.7167, 74.9924, 90.9782



15.8897, 15.7404, 19.9223



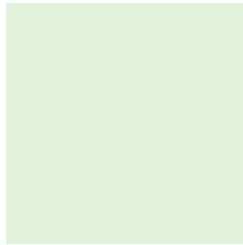
16.3215, 7.4194, 45.6997



1.4646, 0.6723, 3.8068

Previews

White Background



This preview shows how the XYZ color 75.4742, 84.1413, 78.5926 looks on a white background.

Color Contrast Check

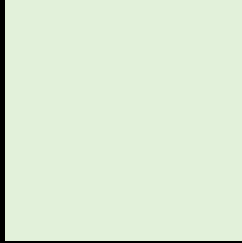
Large Text (above 18pt) WCAG AA × Fail

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 75.4742, 84.1413, 78.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

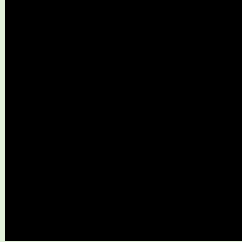
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

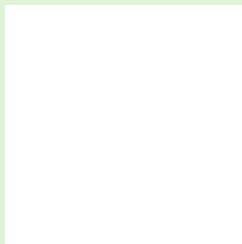
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4742, 84.1413, 78.5926

Background



This preview shows how black text looks on a background with the XYZ color 75.4742, 84.1413, 78.5926.



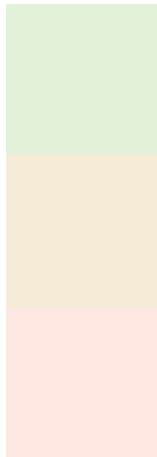
This preview shows how white text looks on a background with the XYZ color 75.4742, 84.1413,

78.5926.

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

75.4742, 84.1413, 78.5926

Protanopia

79.6303, 83.7354, 76.2556

Deuteranopia

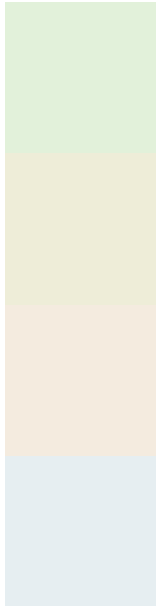
83.5434, 83.9028, 83.7432



Tritanopia

81.1636, 84.3025, 105.7602

Trichromacy



Original Color

75.4742, 84.1413, 78.5926

Protanomaly

77.9388, 83.7034, 77.0143

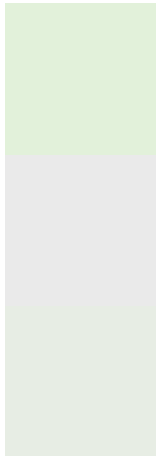
Deuteranomaly

80.3358, 83.9775, 81.7872

Tritanomaly

79.0848, 84.3229, 95.3268

Monochromacy



Original Color

75.4742, 84.1413, 78.5926

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2428, 83.1587, 85.3789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4742, 84.1413, 78.5926 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, 241, 218) looks like.

```
.text, #text, p{  
    color:rgb(226, 241, 218)  
}
```

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, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 241, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.4742, 84.1413, 78.5926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

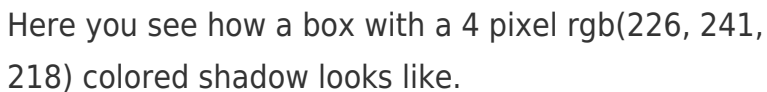
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 241, 218) }
```


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

```
.border{ border-color:rgb(226, 241, 218) }
```

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



Here you see how a box with a 4 pixel rgb(226, 241, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 241,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4742, 84.1413, 78.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 241, 218) }
```

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

```
.background{ background-color: rgb(226,  
241, 218) }
```

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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