

Converting Colors

XYZ(75.2487, 83.0825, 79.8394)

Have a look what the booklet for
XYZ(75.2487, 83.0825, 79.8394)
contains.

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Color

**XYZ(75.1488, 83.0691,
79.7833)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EFDC
RGB	226, 239, 220
RGB Percent	89%, 94%, 86%
CMY	0.1137, 0.0627, 0.1372
CMYK	0.05, 0.00, 0.08, 0.06
HSL	101°, 37%, 90%
HSV	101°, 8%, 94%
XYZ	75.1488, 83.0691, 79.7833
YIQ	232.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

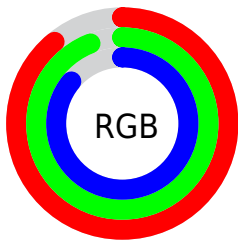
Format	Color
R _Y B	220, 239, 233
Decimal	14872540
CIE Lab	93.04, -7.68, 7.70
CIE LCh	93, 10.873, 134.912
Yxy	83.0691, 0.3157, 0.3490
Android (android.graphics.Color)	4293062620 (0xFFE2EFDC)
YUV	232.9470, -6.3829, -6.0925
Hunter-Lab	91.1423, -12.3217, 11.8988

Details

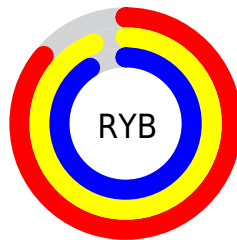
The XYZ color **75.1488, 83.0691, 79.7833** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7808, 74.7443, 92.1515**, and the grayscale version is **77.4616, 81.4957, 88.7488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5196, 45.2415, 42.1942** is the 20% darker color. If you saturate the color by 10%, you get **67.3212, 79.3762, 64.0579**, and if you desaturate by 10%, it is **83.9229, 87.2024, 97.9188**.

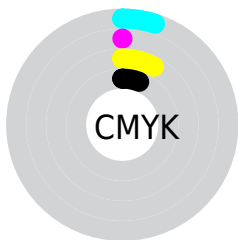
Distribution



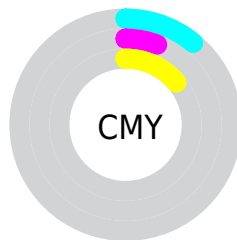
- Red (89%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1488, 83.0691, 79.7833 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 75.1488, 83.0691, 79.7833 by changing the saturation by 10% instead.

75.1488, 83.0691,
79.7833

75.1488, 83.0691,
79.7833

467.4182,
505.2168, 513.8897

56.0294, 62.2472,
59.0149

125.5098,
137.6722, 134.8697

40.4636, 45.2324,
42.2050

157.4820,
172.2222, 170.0247

28.0860, 31.6405,
28.9351

194.4693,
212.1170, 210.8125

18.5313, 21.0871,
18.7866

236.8369,
257.7410, 257.6514

11.4341, 13.1877,
11.3409

284.9503,
309.4786, 310.9600

6.4290, 7.5579,
6.1796

339.1747,

3.1508, 3.8134,

367.7141, 371.1569

2.8840

399.8755,
432.8321, 438.6607

■ 1.2340, 1.5697,
1.0357

■ 0.1330, 0.3371,
0.0000

■ 75.1488, 83.0691,
79.7833

■ 75.1488, 83.0691,
79.7833

■ 67.3212, 79.3762,
64.0579

■ 83.9229, 87.2024,
97.9188

■ 60.4004, 76.0983,
50.6358

■ 90.1582, 90.2163,
107.2694

■ 54.3541, 73.2235,
39.4105

■ 49.1451, 70.7353,
30.2646

■ 44.7337, 68.6157,
23.0700

■ 41.0762, 66.8456,
17.6846

■ 38.1244, 65.4036,
13.9466

■ 35.8234, 64.2655,
11.6657

■ 34.1032, 63.4010,
10.5808

Harmonies

Analogous

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



77.5530, 83.0691, 76.1151



75.1488, 83.0691, 79.7833



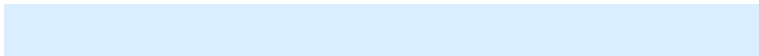
73.7813, 83.0691, 86.4243

Triad

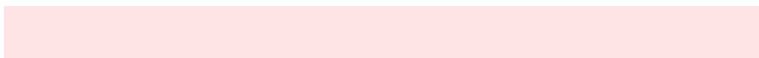
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1488, 83.0691, 79.7833



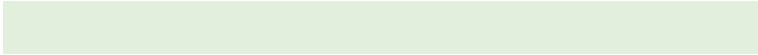
77.5369, 83.0691, 106.4623



84.3690, 83.0691, 86.4695

Complementary

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



75.1488, 83.0691, 79.7833



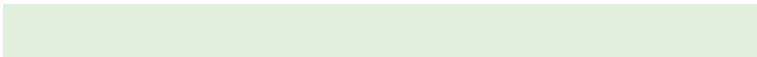
74.7808, 74.7443, 92.1515

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.



84.3645, 83.0691, 94.5949



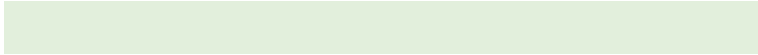
75.1488, 83.0691, 79.7833



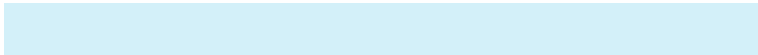
80.3732, 83.0691, 106.4762

Square

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



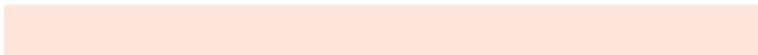
75.1488, 83.0691, 79.7833



75.1373, 83.0691, 101.9865



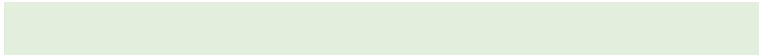
82.8870, 83.0691, 102.0234



82.8992, 83.0691, 79.8146

Rectangle

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



75.1488, 83.0691, 79.7833



73.6201, 83.0691, 91.7986



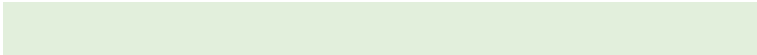
82.8870, 83.0691, 102.0234



84.5410, 83.0691, 89.1110

Sweetspot

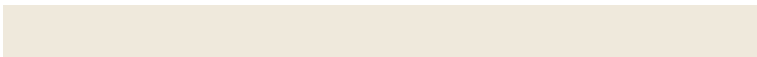
The Sweet Spot groups the original color and five complimentary colors.



75.1511, 83.0727, 79.7851



92.9673, 99.0199, 104.5731



77.6525, 81.7900, 79.4057



19.9207, 21.2046, 22.4283



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.



75.1511, 83.0727, 79.7851



85.0819, 95.3045, 88.4066



73.7688, 82.3062, 82.1546



16.0355, 17.8985, 16.7593



18.8003, 35.0134, 5.7674



1.6631, 2.9639, 0.4844

Inverse Universe

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



74.7808, 74.7443, 92.1515



84.5479, 83.3007, 106.2302



76.2631, 75.5674, 89.5594



15.9407, 15.7666, 19.9247



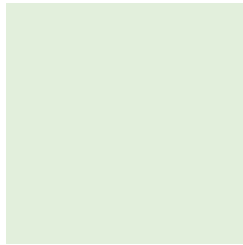
17.1607, 7.8521, 45.7390



1.5300, 0.7060, 3.8098

Previews

White Background



This preview shows how the XYZ color 75.1488, 83.0691, 79.7833 looks on a white background.

Color Contrast Check

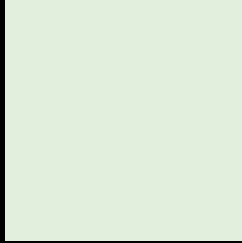
Large Text (above 18pt) WCAG AA × Fail

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 75.1488, 83.0691, 79.7833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

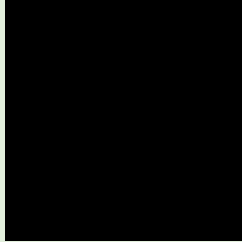
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

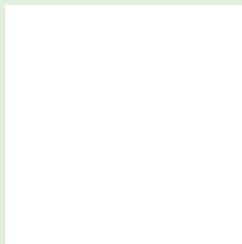
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1488, 83.0691, 79.7833

Background



This preview shows how black text looks on a background with the XYZ color 75.1488, 83.0691, 79.7833.

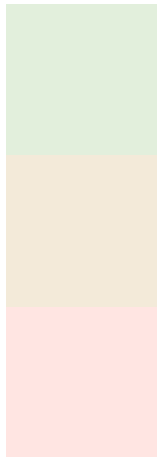


This preview shows how white text looks on a background with the XYZ color 75.1488, 83.0691,

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

75.1488, 83.0691, 79.7833

Protanopia

78.9094, 82.9101, 77.4899

Deuteranopia

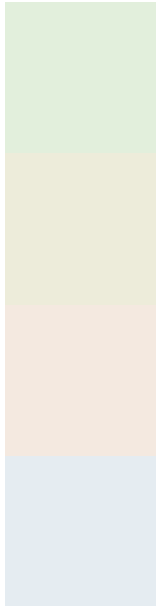
82.9868, 82.7896, 83.5576



Tritanopia

80.1074, 82.9264, 104.7128

Trichromacy



Original Color

75.1488, 83.0691, 79.7833

Protanomaly

77.5754, 83.0574, 78.2727

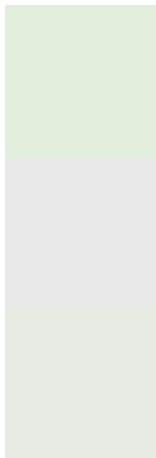
Deuteranomaly

79.9017, 82.8927, 82.3096

Tritanomaly

78.1857, 82.9998, 95.1188

Monochromacy



Original Color

75.1488, 83.0691, 79.7833

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3450, 81.8411, 85.1719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1488, 83.0691, 79.7833 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, 239, 220) looks like.

```
.text, #text, p{  
    color:rgb(226, 239, 220)  
}
```

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, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 239, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.1488, 83.0691, 79.7833 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, 239, 220) }
```


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

```
.border{ border-color:rgb(226, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 239,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1488, 83.0691, 79.7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 239, 220) }
```

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

```
.background{ background-color: rgb(226,  
239, 220) }
```

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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