

Converting Colors

XYZ(75.3511, 82.7273, 80.8171)

Have a look what the booklet for
XYZ(75.3511, 82.7273, 80.8171)
contains.

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Color

**XYZ(75.4379, 82.7539,
81.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EEDE
RGB	227, 238, 222
RGB Percent	89%, 93%, 87%
CMY	0.1098, 0.0666, 0.1294
CMYK	0.05, 0.00, 0.07, 0.07
HSL	101°, 32%, 90%
HSV	101°, 7%, 93%
XYZ	75.4379, 82.7539, 81.1043
YIQ	232.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

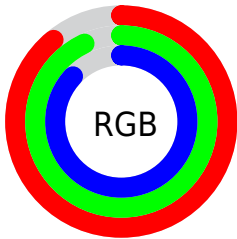
Format	Color
R _Y B	222, 238, 233
Decimal	14937822
CIE Lab	92.91, -6.49, 6.47
CIE LCh	93, 9.166, 135.074
Yxy	82.7539, 0.3152, 0.3458
Android (android.graphics.Color)	4293127902 (0xFFE3EEDE)
YUV	232.8870, -5.3673, -5.1629
Hunter-Lab	90.9692, -11.1716, 10.8179

Details

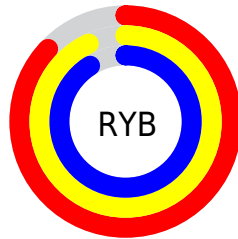
The XYZ color **75.4379, 82.7539, 81.1043** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1614, 75.7415, 91.5514**, and the grayscale version is **77.4090, 81.4402, 88.6884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7163, 45.0166, 43.1023** is the 20% darker color. If you saturate the color by 10%, you get **67.5523, 79.0340, 65.2425**, and if you desaturate by 10%, it is **84.2692, 86.9140, 99.3644**.

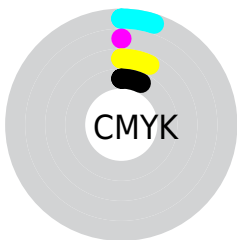
Distribution



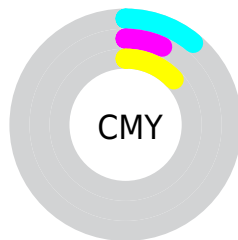
- Red (89%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (91%)



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



- Cyan (11%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4379, 82.7539, 81.1043 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 75.4379, 82.7539, 81.1043 by changing the saturation by 10% instead.

75.4379, 82.7539,
81.1043

75.4379, 82.7539,
81.1043

468.3954,
504.1660, 518.4512

56.2671, 61.9872,
60.0960

125.9166,
137.2307, 136.7426

40.6550, 45.0223,
43.0702

157.9553,
171.7096, 172.2097

28.2361, 31.4750,
29.6084

195.0140,
211.5279, 213.3334

18.6451, 20.9608,
19.2920

237.4581,
257.0702, 260.5324

11.5166, 13.0954,
11.7025

285.6529,
308.7207, 314.2251

6.4853, 7.4942,
6.4214

339.9639,

3.1858, 3.7731,

366.8639, 374.8301

3.0301

400.7562,
431.8842, 442.7660

■ 1.2527, 1.5474,
1.1100

■ 0.1474, 0.3218,
0.0000

■ 75.4379, 82.7539,
81.1043

■ 75.4379, 82.7539,
81.1043

■ 67.5523, 79.0340,
65.2425

■ 84.2692, 86.9140,
99.3644

■ 60.5730, 75.7292,
51.6741

■ 89.8662, 89.6323,
107.1721

■ 54.4681, 72.8276,
40.2945

■ 49.2010, 70.3128,
30.9888

■ 44.7323, 68.1673,
23.6316

■ 41.0191, 66.3720,
18.0842

■ 38.0142, 64.9060,
14.1892

■ 35.6637, 63.7456,
11.7624

■ 33.9031, 62.8625,
10.5707

Harmonies

Analogous

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



77.4629, 82.7539, 77.9551



75.4379, 82.7539, 81.1043



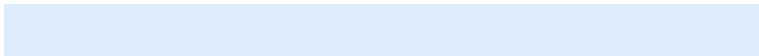
74.2867, 82.7539, 86.7489

Triad

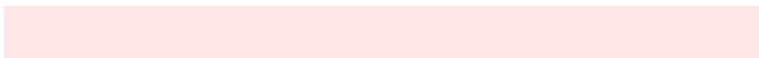
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4379, 82.7539, 81.1043



77.4744, 82.7539, 103.4656



83.1883, 82.7539, 86.7166

Complementary

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



75.4379, 82.7539, 81.1043



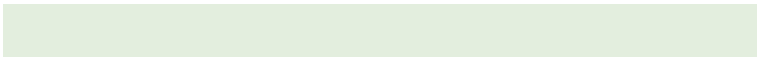
75.1614, 75.7415, 91.5514

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.



83.1915, 82.7539, 93.5464



75.4379, 82.7539, 81.1043



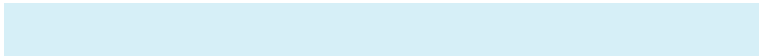
79.8594, 82.7539, 103.4558

Square

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



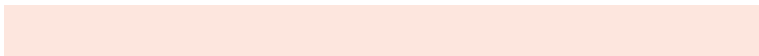
75.4379, 82.7539, 81.1043



75.4461, 82.7539, 99.7739



81.9625, 82.7539, 99.7480



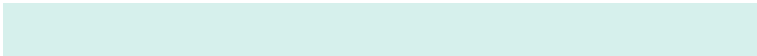
81.9538, 82.7539, 81.0817

Rectangle

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



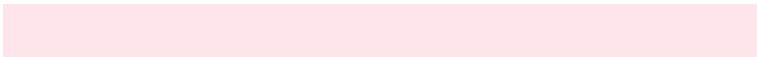
75.4379, 82.7539, 81.1043



74.1545, 82.7539, 91.2771



81.9625, 82.7539, 99.7480



83.3342, 82.7539, 88.9429

Sweetspot

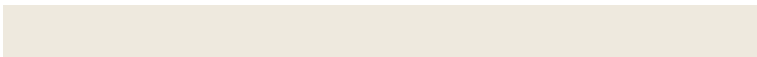
The Sweet Spot groups the original color and five complimentary colors.



75.4402, 82.7575, 81.1061



92.9612, 99.0168, 104.5729



77.5681, 81.6947, 80.7888



19.9195, 21.2040, 22.4282



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.



75.4402, 82.7575, 81.1061



86.9641, 96.1911, 92.2778



74.2827, 82.1149, 83.1229



16.0305, 17.8959, 16.7591



18.7653, 34.9954, 5.7658



1.6597, 2.9621, 0.4843

Inverse Universe

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



75.1614, 75.7415, 91.5514



86.5780, 86.4791, 106.7367



76.3892, 76.4239, 89.3766



15.9459, 15.7694, 19.9250



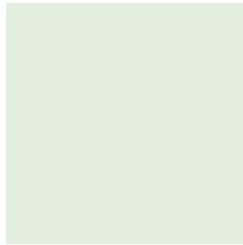
17.2499, 7.8980, 45.7432



1.5369, 0.7096, 3.8102

Previews

White Background



This preview shows how the XYZ color 75.4379, 82.7539, 81.1043 looks on a white background.

Color Contrast Check

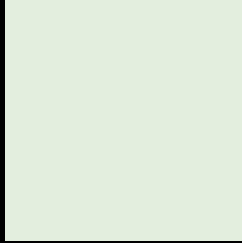
Large Text (above 18pt) WCAG AA × Fail

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 75.4379, 82.7539, 81.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

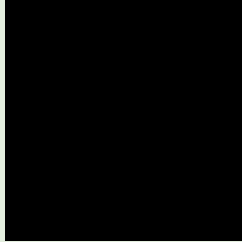
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

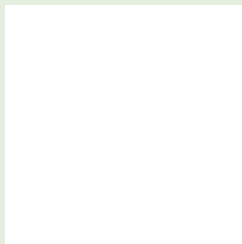
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4379, 82.7539, 81.1043

Background



This preview shows how black text looks on a background with the XYZ color 75.4379, 82.7539, 81.1043.

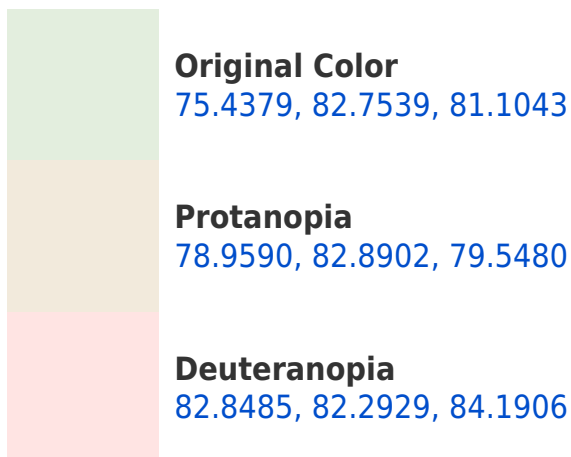


This preview shows how white text looks on a background with the XYZ color 75.4379, 82.7539,

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

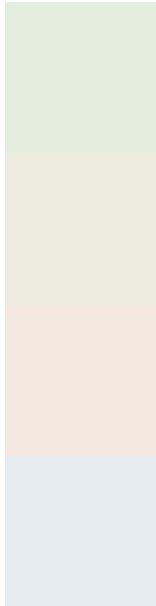




Tritanopia

80.2722, 83.0297, 103.8910

Trichromacy



Original Color

75.4379, 82.7539, 81.1043

Protanomaly

77.6845, 82.6416, 80.2636

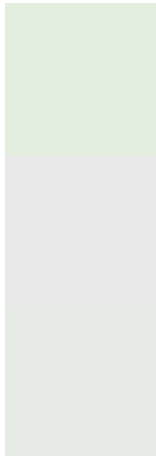
Deuteranomaly

80.1034, 82.5619, 82.9483

Tritanomaly

78.2186, 82.5905, 95.0381

Monochromacy



Original Color

75.4379, 82.7539, 81.1043

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8062, 82.0627, 85.9203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4379, 82.7539, 81.1043 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(227, 238, 222) looks like.

```
.text, #text, p{  
    color:rgb(227, 238, 222)  
}
```

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(227, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 238, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.4379, 82.7539, 81.1043 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(227, 238, 222) }
```


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

```
.border{ border-color:rgb(227, 238, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 238, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 238, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 238,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4379, 82.7539, 81.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 238, 222) }
```

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

```
.background{ background-color: rgb(227,  
238, 222) }
```

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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