

Converting Colors

XYZ(75.0832, 82.3972, 88.9427)

Have a look what the booklet for
XYZ(75.0832, 82.3972, 88.9427)
contains.

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Color

**XYZ(75.1013, 82.4044,
89.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE9
RGB	221, 238, 233
RGB Percent	87%, 93%, 91%
CMY	0.1333, 0.0666, 0.0863
CMYK	0.07, 0.00, 0.02, 0.07
HSL	162°, 33%, 90%
HSV	162°, 7%, 93%
XYZ	75.1013, 82.4044, 89.0382
YIQ	232.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

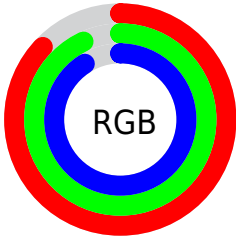
Format	Color
R _Y B	221, 231, 238
Decimal	14544617
CIE Lab	92.75, -6.52, 0.48
CIE LCh	93, 6.535, 175.795
Yxy	82.4044, 0.3046, 0.3342
Android (android.graphics.Color)	4292734697 (0xFFDDEEE9)
YUV	232.3470, 0.3219, -9.9513
Hunter-Lab	90.7769, -11.1833, 5.3894

Details

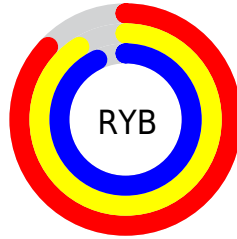
The XYZ color **75.1013, 82.4044, 89.0382** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8468, 75.3832, 82.5609**, and the grayscale version is **76.9658, 80.9741, 88.1808**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3896, 44.7372, 48.1014** is the 20% darker color. If you saturate the color by 10%, you get **67.3820, 78.5406, 83.5585**, and if you desaturate by 10%, it is **83.8923, 86.8207, 94.7788**.

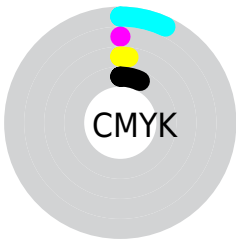
Distribution



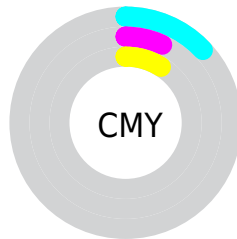
- Red (87%)
- Green (93%)
- Blue (91%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1013, 82.4044, 89.0382 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 75.1013, 82.4044, 89.0382 by changing the saturation by 10% instead.

75.1013, 82.4044,
89.0382

75.1013, 82.4044,
89.0382

467.2575,
502.9994, 545.3863

55.9904, 61.6989,
66.6140

125.4429,
136.7410, 147.9255

40.4322, 44.7895,
48.3114

157.4042,
171.1408, 185.2257

28.0614, 31.2916,
33.7118

194.3798,
210.8743, 228.3216

18.5126, 20.8210,
22.3967

236.7348,
256.3258, 277.6318

11.4205, 12.9932,
13.9476

284.8348,
307.8796, 333.5749

6.4198, 7.4239,
7.9459

339.0450,

3.1451, 3.7286,

365.9202, 396.5693

3.9731

399.7307,
430.8320, 467.0336

■ 1.2309, 1.5229,
1.6106

■ 0.1306, 0.3048,
0.2983

■ 75.1013, 82.4044,
89.0382

■ 75.1013, 82.4044,
89.0382

■ 67.3820, 78.5406,
83.5585

■ 83.8923, 86.8207,
94.7788

■ 60.6838, 75.1963,
78.3298

■ 88.6060, 89.1281,
100.5365

■ 54.9628, 72.3513,
73.3495

■ 89.7076, 89.5688,
106.3372

■ 50.1686, 69.9797,
68.6125

■ 89.8661, 89.6322,
107.1720

■ 46.2466, 68.0533,
64.1140

■ 43.1360, 66.5410,
59.8485

■ 40.7680, 65.4072,
55.8102

■ 39.0621, 64.6105,
51.9926

■ 37.9139, 64.0971,
48.3881

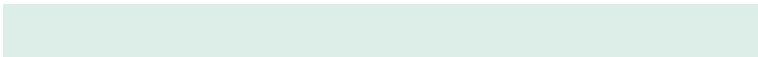
Harmonies

Analogous

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



75.6450, 82.4044, 84.5533



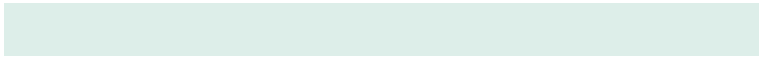
75.1013, 82.4044, 89.0382



75.4105, 82.4044, 93.8688

Triad

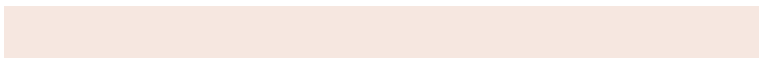
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1013, 82.4044, 89.0382



79.7570, 82.4044, 98.4386



80.1788, 82.4044, 82.1874

Complementary

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



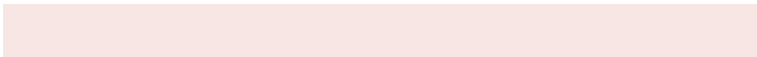
75.1013, 82.4044, 89.0382



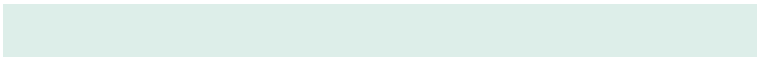
74.8468, 75.3832, 82.5609

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.



81.3093, 82.4044, 85.7038



75.1013, 82.4044, 89.0382



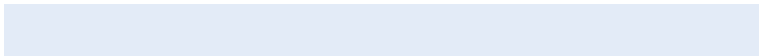
81.0633, 82.4044, 95.1021

Square

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



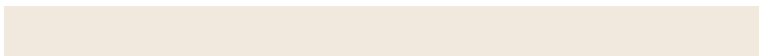
75.1013, 82.4044, 89.0382



78.0829, 82.4044, 99.4093



81.6354, 82.4044, 90.4141



78.5634, 82.4044, 80.6899

Rectangle

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



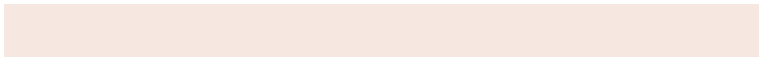
75.1013, 82.4044, 89.0382



76.0612, 82.4044, 96.6186



81.6354, 82.4044, 90.4141



80.6291, 82.4044, 83.1661

Sweetspot

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



75.1036, 82.4079, 89.0400



92.9578, 98.9492, 107.5457



75.0237, 82.5581, 80.3889



19.9187, 21.1902, 23.0335



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.



75.1036, 82.4079, 89.0400



86.0365, 95.4768, 102.9019



74.8480, 80.7363, 92.5318



16.0376, 17.8451, 19.2209



21.0581, 35.7153, 26.7528



1.7951, 2.9885, 2.4535

Inverse Universe

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



74.8468, 75.3832, 82.5609



85.6616, 85.2218, 93.4438



75.0770, 76.9265, 79.2991



15.9641, 15.8354, 17.3674



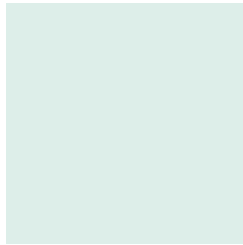
20.3380, 10.4076, 4.4304



1.7339, 0.8826, 0.5893

Previews

White Background



This preview shows how the XYZ color 75.1013, 82.4044, 89.0382 looks on a white background.

Color Contrast Check

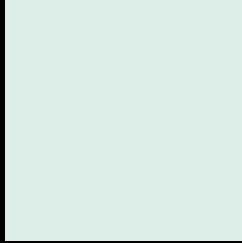
Large Text (above 18pt) WCAG AA × Fail

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 75.1013, 82.4044, 89.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

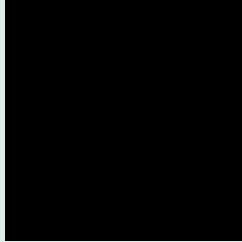
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

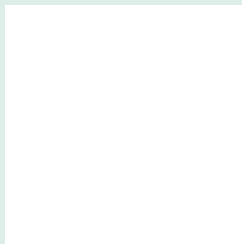
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1013, 82.4044, 89.0382

Background



This preview shows how black text looks on a background with the XYZ color 75.1013, 82.4044, 89.0382.



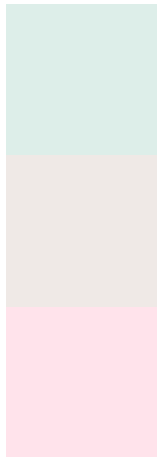
This preview shows how white text looks on a background with the XYZ color 75.1013, 82.4044,

89.0382.

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

75.1013, 82.4044, 89.0382

Protanopia

79.0184, 82.3417, 86.5917

Deuteranopia

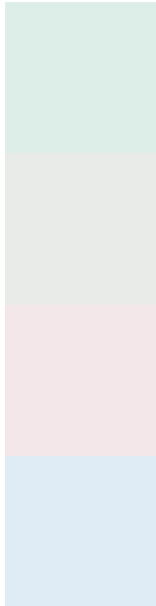
83.7045, 82.1963, 90.0510



Tritanopia

78.1784, 82.3558, 104.7043

Trichromacy



Original Color

75.1013, 82.4044, 89.0382

Protanomaly

77.4108, 82.3420, 87.4149

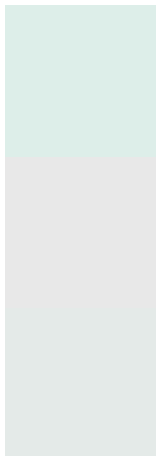
Deuteranomaly

80.3893, 82.1470, 89.4609

Tritanomaly

77.0614, 82.3327, 99.0190

Monochromacy



Original Color

75.1013, 82.4044, 89.0382

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9832, 81.1658, 88.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1013, 82.4044, 89.0382 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(221, 238, 233) looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 233)  
}
```

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(221, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.1013, 82.4044, 89.0382 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(221, 238, 233) }
```


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

```
.border{ border-color:rgb(221, 238, 233) }
```

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

Here you see how a box with a 4 pixel rgb(221, 238, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 233);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1013, 82.4044, 89.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 233) }
```

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

```
.background{ background-color: rgb(221,  
238, 233) }
```

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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