

Converting Colors

XYZ(75.0122, 83.1050, 88.8041)

Have a look what the booklet for
XYZ(75.0122, 83.1050, 88.8041)
contains.

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Color

**XYZ(75.0815, 83.2634,
89.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF0E9
RGB	219, 240, 233
RGB Percent	86%, 94%, 91%
CMY	0.1412, 0.0588, 0.0863
CMYK	0.09, 0.00, 0.03, 0.06
HSL	160°, 41%, 90%
HSV	160°, 9%, 94%
XYZ	75.0815, 83.2634, 89.2050
YIQ	232.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

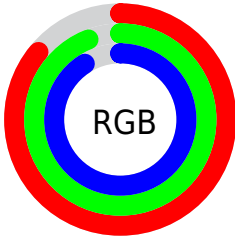
Format	Color
R _{YB}	219, 232, 240
Decimal	14414057
CIE Lab	93.13, -8.18, 1.01
CIE LCh	93, 8.243, 172.950
Yxy	83.2634, 0.3033, 0.3363
Android (android.graphics.Color)	4292604137 (0xFFDBF0E9)
YUV	232.9230, 0.0380, -12.2105
Hunter-Lab	91.2488, -12.8116, 5.9121

Details

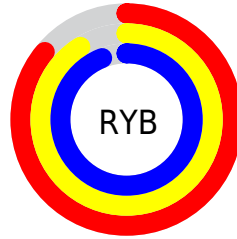
The XYZ color **75.0815, 83.2634, 89.2050** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.9972, 74.6815, 82.4177**, and the grayscale version is **77.4014, 81.4323, 88.6798**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3861, 45.3478, 48.2194** is the 20% darker color. If you saturate the color by 10%, you get **67.2581, 79.3617, 83.0067**, and if you desaturate by 10%, it is **84.0025, 87.7295, 95.7288**.

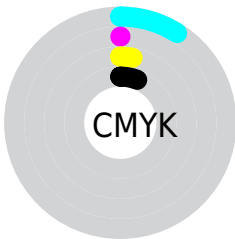
Distribution



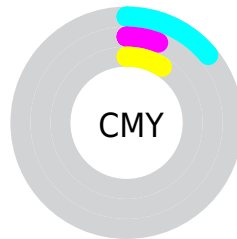
- Red (86%)
- Green (94%)
- Blue (91%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0815, 83.2634, 89.2050 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 75.0815, 83.2634, 89.2050 by changing the saturation by 10% instead.

75.0815, 83.2634,
89.2050

75.0815, 83.2634,
89.2050

467.1905,
505.8639, 545.9446

55.9741, 62.4075,
66.7515

125.4150,
137.9443, 148.1595

40.4191, 45.3620,
48.4224

157.3718,
172.5381, 185.4975

28.0511, 31.7427,
33.7991

194.3424,
212.4799, 228.6341

18.5048, 21.1650,
22.4632

236.6923,
258.1542, 277.9878

11.4149, 13.2447,
13.9961

284.7866,
309.9454, 333.9771

6.4160, 7.5973,
7.9792

338.9909,

3.1427, 3.8383,

368.2378, 397.0207

3.9941

399.6704,
433.4158, 467.5370

■ 1.2297, 1.5835,
1.6221

■ 0.1296, 0.3465,
0.3065

■ 75.0815, 83.2634,
89.2050

■ 75.0815, 83.2634,
89.2050

■ 67.2581, 79.3617,
83.0067

■ 84.0025, 87.7295,
95.7288

■ 60.4802, 75.9908,
77.1228

■ 89.5017, 90.4233,
102.3650

■ 54.7020, 73.1294,
71.5492

■ 90.4516, 90.8033,
107.3672

■ 49.8714, 70.7508,
66.2798

■ 45.9313, 68.8255,
61.3082

■ 42.8184, 67.3212,
56.6275

■ 40.4607, 66.2006,
52.2304

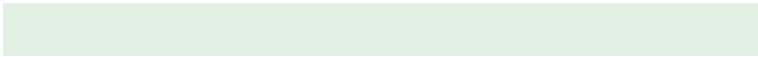
■ 38.7729, 65.4200,
48.1090

■ 37.6300, 64.9149,
44.2531

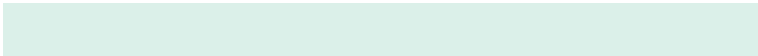
Harmonies

Analogous

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



75.8649, 83.2634, 83.6680



75.0815, 83.2634, 89.2050



75.3695, 83.2634, 95.3859

Triad

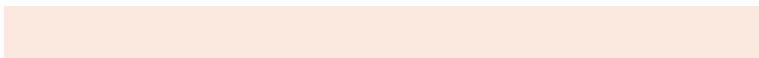
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0815, 83.2634, 89.2050



80.7728, 83.2634, 102.0811



81.6728, 83.2634, 81.4781

Complementary

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



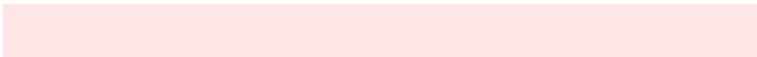
75.0815, 83.2634, 89.2050



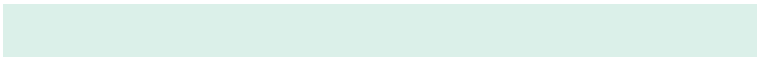
74.9972, 74.6815, 82.4177

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.



83.0329, 83.2634, 86.0923



75.0815, 83.2634, 89.2050



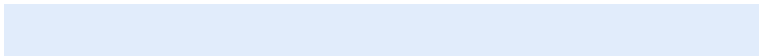
82.5067, 83.2634, 98.0304

Square

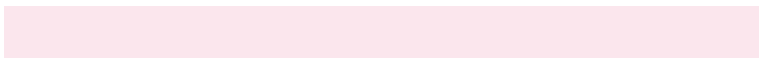
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



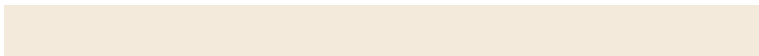
75.0815, 83.2634, 89.2050



78.6298, 83.2634, 103.0072



83.3409, 83.2634, 92.1301



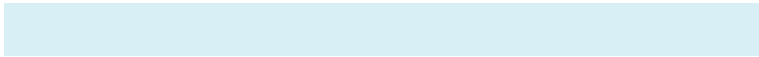
79.6511, 83.2634, 79.3405

Rectangle

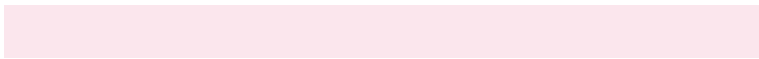
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



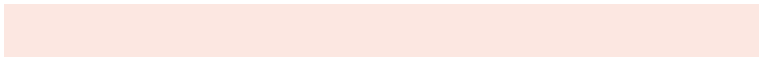
75.0815, 83.2634, 89.2050



76.1328, 83.2634, 99.0235



83.3409, 83.2634, 92.1301



82.2240, 83.2634, 82.7806

Sweetspot

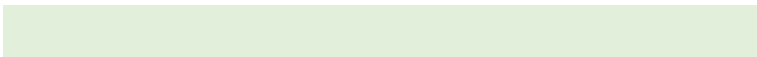
The Sweet Spot groups the original color and five complimentary colors.



75.0839, 83.2669, 89.2068



91.8833, 98.4146, 106.6222



75.4229, 83.6637, 79.1927



19.4899, 20.9762, 22.6925



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.



75.0839, 83.2669, 89.2068



84.0031, 94.4749, 100.7128



75.1851, 81.8362, 94.2755



16.0103, 17.8341, 19.0769



20.5939, 35.5296, 24.3080



1.7592, 2.9741, 2.2642

Inverse Universe

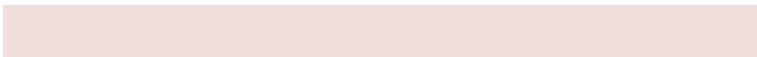
The Inverse Universe completely reimagines the original color for something new.



74.9972, 74.6815, 82.4177



83.8798, 82.2446, 91.0420



74.8852, 75.9643, 77.7349



15.9902, 15.8458, 17.5046



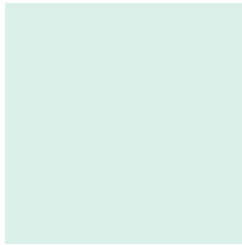
20.5198, 10.4803, 5.3876



1.7515, 0.8897, 0.6824

Previews

White Background



This preview shows how the XYZ color 75.0815, 83.2634, 89.2050 looks on a white background.

Color Contrast Check

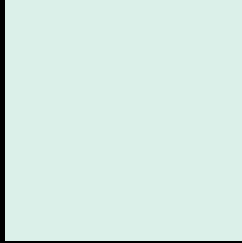
Large Text (above 18pt) WCAG AA × Fail

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 75.0815, 83.2634, 89.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

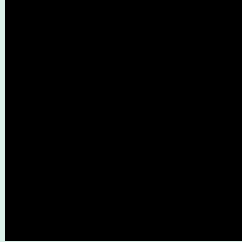
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

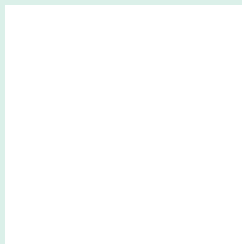
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0815, 83.2634, 89.2050

Background



This preview shows how black text looks on a background with the XYZ color 75.0815, 83.2634, 89.2050.



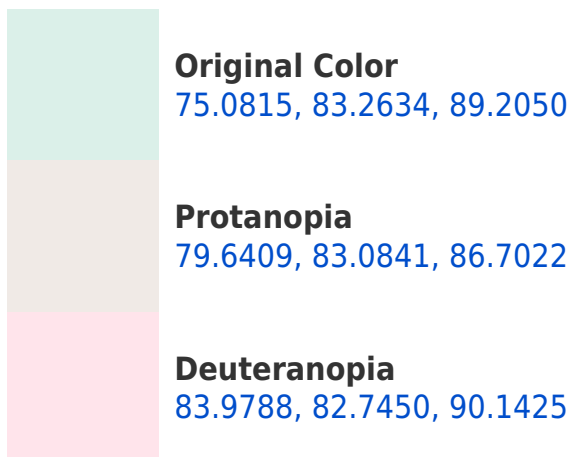
This preview shows how white text looks on a background with the XYZ color 75.0815, 83.2634,

89.2050.

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

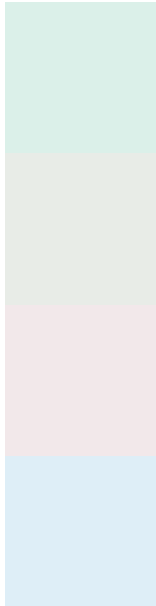




Tritanopia

78.7656, 83.4763, 106.5689

Trichromacy



Original Color

75.0815, 83.2634, 89.2050

Protanomaly

77.6980, 82.9162, 87.5106

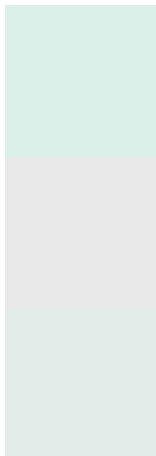
Deuteranomaly

80.3258, 82.5310, 89.5383

Tritanomaly

77.4872, 83.3941, 100.0083

Monochromacy



Original Color

75.0815, 83.2634, 89.2050

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6983, 82.3681, 88.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0815, 83.2634, 89.2050 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(219, 240, 233) looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 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(219, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.0815, 83.2634, 89.2050 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(219, 240, 233) }
```


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

```
.border{ border-color:rgb(219, 240, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0815, 83.2634, 89.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 233) }
```

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

```
.background{ background-color: rgb(219,  
240, 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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