

Converting Colors

XYZ(76.9175, 84.1380, 89.5925)

Have a look what the booklet for
XYZ(76.9175, 84.1380, 89.5925)
contains.

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Color

**XYZ(76.9194, 84.2109,
89.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F0E9
RGB	225, 240, 233
RGB Percent	88%, 94%, 91%
CMY	0.1176, 0.0588, 0.0863
CMYK	0.06, 0.00, 0.03, 0.06
HSL	152°, 33%, 91%
HSV	152°, 6%, 94%
XYZ	76.9194, 84.2109, 89.2910
YIQ	234.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

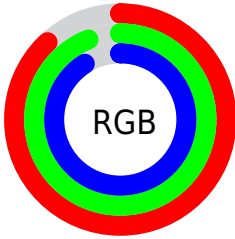
Format	Color
R _Y B	225, 235, 240
Decimal	14807273
CIE Lab	93.54, -6.22, 1.66
CIE LCh	94, 6.436, 165.029
Yxy	84.2109, 0.3072, 0.3363
Android (android.graphics.Color)	4292997353 (0xFFE1F0E9)
YUV	234.7170, -0.8465, -8.5218
Hunter-Lab	91.7665, -10.9713, 6.5460

Details

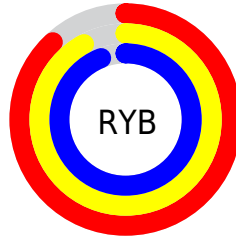
The XYZ color **76.9194, 84.2109, 89.2910** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.4290, 78.2041, 87.3620**, and the grayscale version is **78.7623, 82.8641, 90.2390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6539, 46.0014, 48.2787** is the 20% darker color. If you saturate the color by 10%, you get **68.4072, 80.0041, 80.8024**, and if you desaturate by 10%, it is **86.5897, 89.0076, 98.3678**.

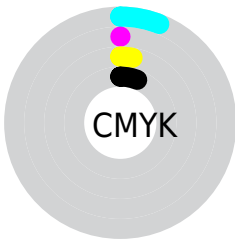
Distribution



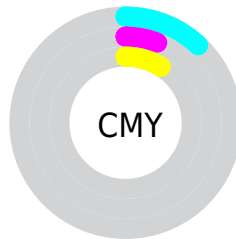
- Red (88%)
- Green (94%)
- Blue (91%)



- Red (88%)
- Yellow (92%)
- Blue (94%)



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



- Cyan (12%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9194, 84.2109, 89.2910 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 76.9194, 84.2109, 89.2910 by changing the saturation by 10% instead.

76.9194, 84.2109,
89.2910

76.9194, 84.2109,
89.2910

473.3853,
509.0133, 546.2323

57.4864, 63.1896,
66.8224

127.9991,
139.2702, 148.2801

41.6376, 45.9946,
48.4796

160.3766,
174.0769, 185.6376

29.0075, 32.2416,
33.8441

197.7996,
214.2475, 228.7951

19.2308, 21.5461,
22.4975

240.6336,
260.1665, 278.1712

11.9421, 13.5237,
14.0211

289.2437,
312.2181, 334.1845

6.7762, 7.7902,
7.9964

343.9955,

3.3676, 3.9610,

370.7869, 397.2534

4.0049

405.2543,
436.2572, 467.7964

■ 1.3510, 1.6518,
1.6280

■ 0.2209, 0.3921,
0.3107

■ 76.9194, 84.2109,
89.2910

■ 76.9194, 84.2109,
89.2910

■ 68.4072, 80.0041,
80.8024

■ 86.5897, 89.0076,
98.3678

■ 61.0004, 76.3534,
72.8845

■ 90.4517, 90.8034,
107.3672

■ 54.6529, 73.2374,
65.5270

■ 49.3122, 70.6294,
58.7169

■ 44.9215, 68.5003,
52.4410

■ 41.4177, 66.8178,
46.6852

■ 38.7298, 65.5455,
41.4348

■ 36.7751, 64.6412,
36.6740

■ 35.4508, 64.0520,
32.3857

Harmonies

Analogous

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



77.7466, 84.2109, 85.2246



76.9194, 84.2109, 89.2910



76.9202, 84.2109, 94.1436

Triad

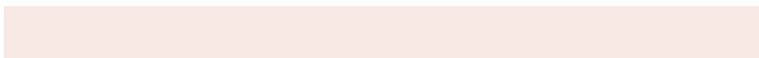
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9194, 84.2109, 89.2910



80.8917, 84.2109, 101.0459



82.3756, 84.2109, 85.2183

Complementary

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



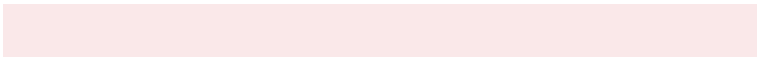
76.9194, 84.2109, 89.2910



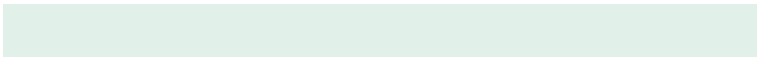
77.4290, 78.2041, 87.3620

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.



83.2429, 84.2109, 89.2821



76.9194, 84.2109, 89.2910



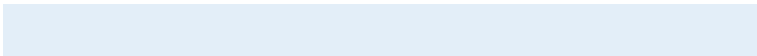
82.3779, 84.2109, 98.4772

Square

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



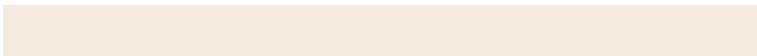
76.9194, 84.2109, 89.2910



79.1974, 84.2109, 101.0485



83.2437, 84.2109, 94.1343



80.8885, 84.2109, 82.9305

Rectangle

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



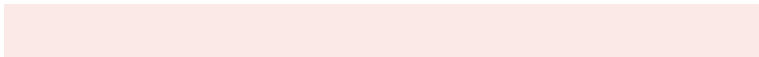
76.9194, 84.2109, 89.2910



77.3895, 84.2109, 97.1778



83.2437, 84.2109, 94.1343



82.7502, 84.2109, 86.4154

Sweetspot

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



76.9218, 84.2145, 89.2928



92.8175, 98.8931, 106.8071



78.1136, 84.9580, 83.5169



19.8902, 21.1788, 22.8832



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.



76.9218, 84.2145, 89.2928



86.4434, 95.7359, 100.6915



77.8690, 84.4757, 94.6436



15.9182, 17.7973, 18.5922



19.2572, 34.9949, 17.2691



1.6523, 2.9313, 1.7012

Inverse Universe

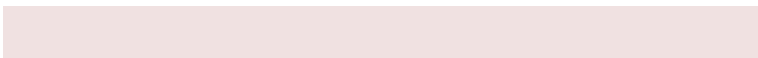
The Inverse Universe completely reimagines the original color for something new.



77.4290, 78.2041, 87.3620



87.1817, 86.9870, 97.8809



76.5212, 77.9492, 82.2480



16.0799, 15.8817, 17.9768



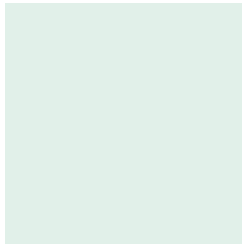
21.3393, 10.8082, 9.7034



1.8250, 0.9191, 1.0695

Previews

White Background



This preview shows how the XYZ color 76.9194, 84.2109, 89.2910 looks on a white background.

Color Contrast Check

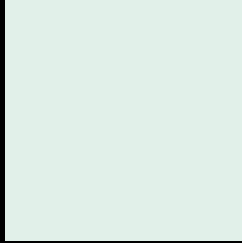
Large Text (above 18pt) WCAG AA × Fail

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 76.9194, 84.2109, 89.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

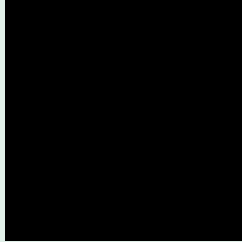
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

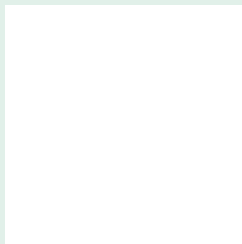
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9194, 84.2109, 89.2910

Background



This preview shows how black text looks on a background with the XYZ color 76.9194, 84.2109, 89.2910.



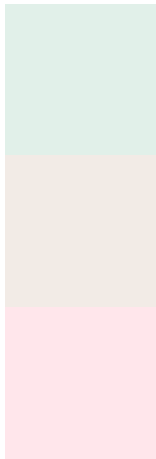
This preview shows how white text looks on a background with the XYZ color 76.9194, 84.2109, 89.2910.

89.2910.

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

76.9194, 84.2109, 89.2910

Protanopia

80.6092, 84.0071, 86.8293

Deuteranopia

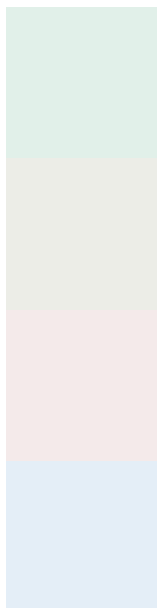
84.5322, 83.8518, 90.3269



Tritanopia

80.6473, 84.4464, 106.6570

Trichromacy



Original Color

76.9194, 84.2109, 89.2910

Protanomaly

79.3001, 84.1708, 87.6683

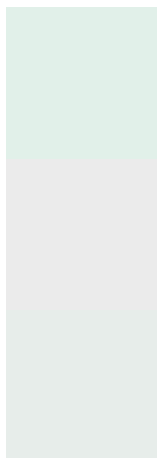
Deuteranomaly

81.5823, 84.0192, 89.7594

Tritanomaly

79.3579, 84.3585, 100.0959

Monochromacy



Original Color

76.9194, 84.2109, 89.2910

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0905, 83.4978, 89.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9194, 84.2109, 89.2910 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(225, 240, 233) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.9194, 84.2109, 89.2910 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(225, 240, 233) }
```


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

```
.border{ border-color:rgb(225, 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(225, 240, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 240, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 240, 233); box-shadow:4px 4px 4px 4px rgb(225, 240, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9194, 84.2109, 89.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 233) }
```

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

```
.background{ background-color: rgb(225,  
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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