

Converting Colors

XYZ(77.5609, 89.8793, 72.9351)

Have a look what the booklet for
XYZ(77.5609, 89.8793, 72.9351)
contains.

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Color

**XYZ(77.5609, 89.8793,
72.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FBD0
RGB	227, 251, 208
RGB Percent	89%, 98%, 82%
CMY	0.1098, 0.0157, 0.1843
CMYK	0.10, 0.00, 0.17, 0.02
HSL	93°, 84%, 90%
HSV	93°, 17%, 98%
XYZ	77.5609, 89.8793, 72.9351
YIQ	238.9220, -0.5010, -18.4610

Conversions

Conversions Part 2

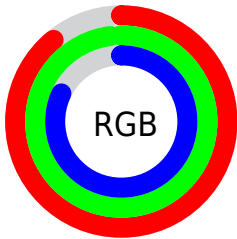
Format	Color
R_{YB}	208, 251, 232
Decimal	14941136
CIE _{Lab}	95.95, -15.29, 18.02
CIE _{LCh}	96, 23.632, 130.319
Yxy	89.8793, 0.3227, 0.3739
Android (android.graphics.Color)	4293131216 (0xFFE3FBD0)
YUV	238.9220, -15.2445, -10.4556
Hunter-Lab	94.8047, -19.8751, 20.7503

Details

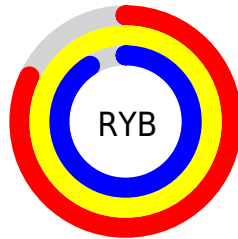
The XYZ color **77.5609, 89.8793, 72.9351** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.2508, 69.2351, 100.7745**, and the grayscale version is **82.1007, 86.3763, 94.0638**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9191, 49.5746, 37.9313** is the 20% darker color. If you saturate the color by 10%, you get **70.4736, 86.5574, 57.7389**, and if you desaturate by 10%, it is **85.5014, 93.5899, 90.7260**.

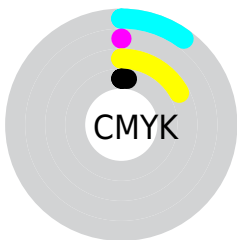
Distribution



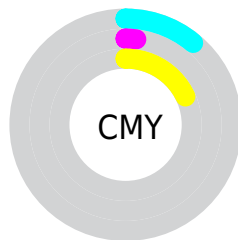
- Red (89%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5609, 89.8793, 72.9351 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 77.5609, 89.8793, 72.9351 by changing the saturation by 10% instead.

77.5609, 89.8793,
72.9351

77.5609, 89.8793,
72.9351

475.5370,
527.6381, 489.8546

58.0149, 67.8805,
53.4314

128.8996,
147.1707, 125.1051

42.0639, 49.8006,
37.7572

161.4230,
183.2322, 158.6085

29.3427, 35.2550,
25.4939

199.0028,
224.7500, 197.6156

19.4858, 23.8593,
16.2231

242.0045,
272.1085, 242.5449

12.1279, 15.2293,
9.5261

290.7935,
325.6922, 293.8148

6.9037, 8.9805,
4.9844

345.7349,

3.4477, 4.7284,

385.8855, 351.8441

2.1795

407.1943,
453.0726, 417.0512

■ 1.3947, 2.0888,
0.6625

■ 0.2525, 0.6583,
0.0000

■ 77.5609, 89.8793,
72.9351

■ 77.5609, 89.8793,
72.9351

■ 70.4736, 86.5574,
57.7389

■ 85.5014, 93.5899,
90.7260

■ 64.2010, 83.5989,
45.0105

■ 93.7890, 97.4779,
108.4797

■ 58.7117, 80.9934,
34.6208

■ 53.9696, 78.7252,
26.4269

■ 49.9350, 76.7774,
20.2703

■ 46.5638, 75.1311,
15.9708

■ 43.8053, 73.7650,
13.3171

■ 41.5970, 72.6526,
12.0376

■ 41.0412, 72.3706,
11.8058

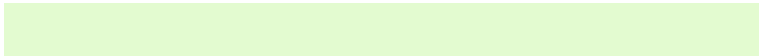
Harmonies

Analogous

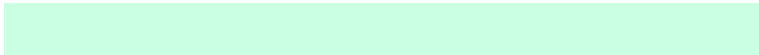
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1989, 89.8793, 66.5875



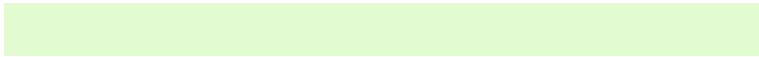
77.5609, 89.8793, 72.9351



74.1460, 89.8793, 86.2498

Triad

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



77.5609, 89.8793, 72.9351



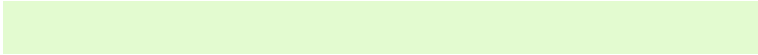
81.2699, 89.8793, 135.7614



98.3804, 89.8793, 91.5643

Complementary

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



77.5609, 89.8793, 72.9351



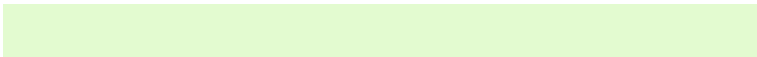
73.2508, 69.2351, 100.7745

Split Complementary

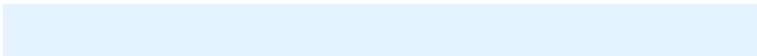
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.7991, 89.8793, 110.4751



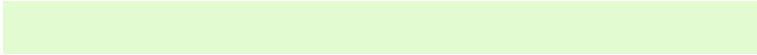
77.5609, 89.8793, 72.9351



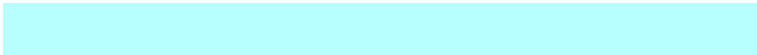
87.6958, 89.8793, 137.6588

Square

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



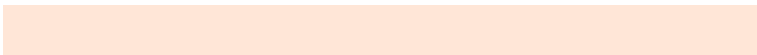
77.5609, 89.8793, 72.9351



76.2107, 89.8793, 123.0134



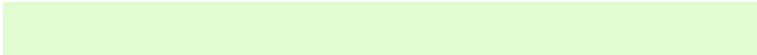
93.8090, 89.8793, 127.9084



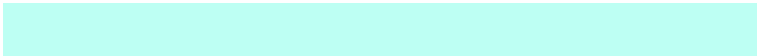
95.3591, 89.8793, 76.3984

Rectangle

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



77.5609, 89.8793, 72.9351



73.4811, 89.8793, 98.0638



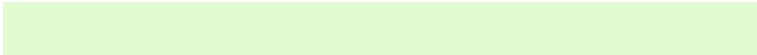
93.8090, 89.8793, 127.9084



98.6034, 89.8793, 97.6630

Sweetspot

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



77.5633, 89.8832, 72.9371



90.4945, 97.8809, 98.3247



79.9305, 82.5832, 71.4032



19.2365, 20.8886, 20.7396



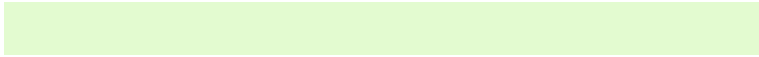
0.0000, 0.0000, 0.0000



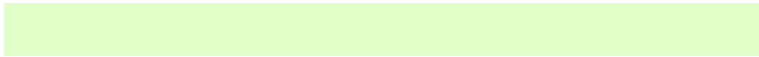
20.3446, 21.4041, 23.3091

Same Dimension

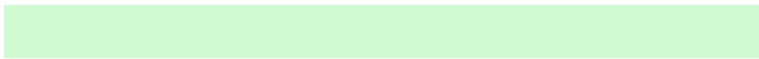
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5633, 89.8832, 72.9371



77.4408, 91.7832, 69.1707



72.1638, 87.0689, 74.0748



17.7452, 19.6844, 18.3266



21.7329, 38.1220, 6.2128



2.1324, 3.5924, 0.5810

Inverse Universe

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



73.2508, 69.2351, 100.7745



72.1071, 66.2492, 103.5947



79.4185, 72.4536, 99.3036



17.2098, 17.1208, 21.7829



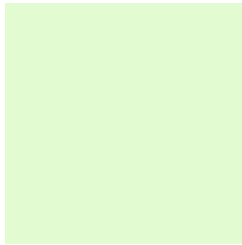
15.0176, 6.6845, 48.4723



1.5127, 0.6819, 4.4951

Previews

White Background



This preview shows how the XYZ color 77.5609, 89.8793, 72.9351 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 77.5609, 89.8793, 72.9351 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

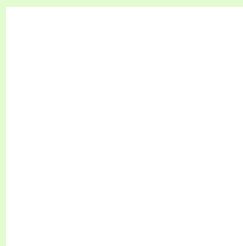
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5609, 89.8793, 72.9351

Background



This preview shows how black text looks on a background with the XYZ color 77.5609, 89.8793, 72.9351.



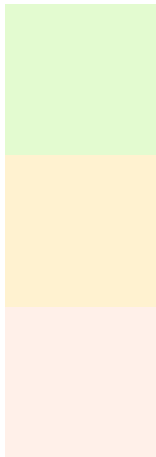
This preview shows how white text looks on a background with the XYZ color 77.5609, 89.8793,

72.9351.

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

77.5609, 89.8793, 72.9351

Protanopia

84.3773, 89.3183, 72.4675

Deuteranopia

87.1081, 89.4634, 89.7679



Tritanopia

85.3605, 89.4983, 107.3837

Trichromacy



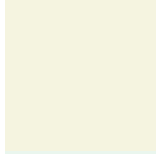
Original Color

77.5609, 89.8793, 72.9351



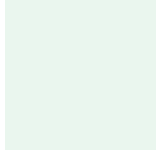
Protanomaly

81.6938, 89.2714, 72.5999



Deuteranomaly

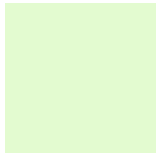
83.4614, 89.4957, 83.3965



Tritanomaly

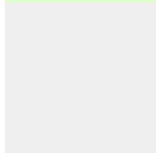
82.3201, 89.5770, 93.8403

Monochromacy



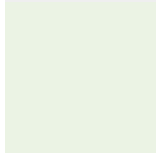
Original Color

77.5609, 89.8793, 72.9351



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.3151, 87.3648, 86.0288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5609, 89.8793, 72.9351 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, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(227, 251, 208)  
}
```

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, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 251, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.5609, 89.8793, 72.9351 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, 251, 208) }
```


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

```
.border{ border-color:rgb(227, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 251, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 251, 208); box-shadow:4px 4px 4px 4px rgb(227, 251, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5609, 89.8793, 72.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 251, 208) }
```

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

```
.background{ background-color: rgb(227,  
251, 208) }
```

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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