

Converting Colors

XYZ(77.0634, 89.4691, 73.0900)

Have a look what the booklet for
XYZ(77.0634, 89.4691, 73.0900)
contains.

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Color

**XYZ(77.2464, 89.7172,
72.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FBD0
RGB	226, 251, 208
RGB Percent	89%, 98%, 82%
CMY	0.1137, 0.0157, 0.1843
CMYK	0.10, 0.00, 0.17, 0.02
HSL	95°, 84%, 90%
HSV	95°, 17%, 98%
XYZ	77.2464, 89.7172, 72.9203
YIQ	238.6230, -1.0970, -18.6730

Conversions

Conversions Part 2

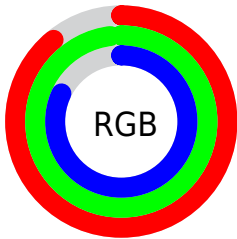
Format	Color
R_{YB}	208, 251, 233
Decimal	14875600
CIE _{Lab}	95.88, -15.63, 17.91
CIE _{LCh}	96, 23.776, 131.111
Yxy	89.7172, 0.3220, 0.3740
Android (android.graphics.Color)	4293065680 (0xFFE2FBD0)
YUV	238.6230, -15.0971, -11.0704
Hunter-Lab	94.7192, -20.1863, 20.6585

Details

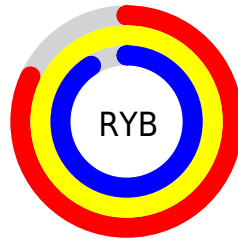
The XYZ color **77.2464, 89.7172, 72.9203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5763, 69.4029, 100.7898**, and the grayscale version is **81.8673, 86.1308, 93.7964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7021, 49.4627, 37.9212** is the 20% darker color. If you saturate the color by 10%, you get **70.0165, 86.3218, 57.7175**, and if you desaturate by 10%, it is **85.3595, 93.5168, 90.7193**.

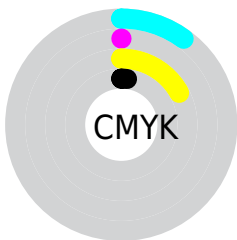
Distribution



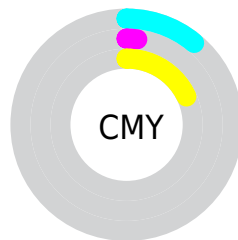
- Red (89%)
- Green (98%)
- Blue (82%)



- 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 77.2464, 89.7172, 72.9203 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 77.2464, 89.7172, 72.9203 by changing the saturation by 10% instead.

77.2464, 89.7172,
72.9203

77.2464, 89.7172,
72.9203

474.4828,
527.1105, 489.8019

57.7558, 67.7461,
53.4194

128.4582,
146.9455, 125.0839

41.8548, 49.6912,
37.7476

160.9101,
182.9715, 158.5837

29.1782, 35.1681,
25.4866

198.4132,
224.4513, 197.5868

19.3607, 23.7924,
16.2176

241.3327,
271.7692, 242.5119

12.0367, 15.1797,
9.5223

290.0341,
325.3097, 293.7774

6.8411, 8.9456,
4.9819

344.8826,

3.4083, 4.7057,

385.4572, 351.8019

2.1781

406.2438,
452.5960, 417.0038

■ 1.3732, 2.0756,
0.6617

■ 0.2370, 0.6509,
0.0000

■ 77.2464, 89.7172,
72.9203

■ 77.2464, 89.7172,
72.9203

■ 70.0165, 86.3218,
57.7175

■ 85.3595, 93.5168,
90.7193

■ 63.6301, 83.3046,
44.9837

■ 93.7890, 97.4780,
108.4797

■ 58.0546, 80.6547,
34.5900

■ 53.2526, 78.3556,
26.3933

■ 49.1831, 76.3898,
20.2351

■ 45.8004, 74.7376,
15.9351

■ 43.0525, 73.3769,
13.2819

■ 40.8750, 72.2804,
12.0039

■ 40.3315, 72.0048,
11.7726

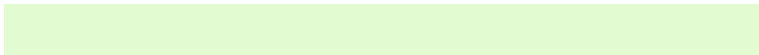
Harmonies

Analogous

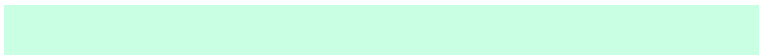
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8660, 89.7172, 66.3561



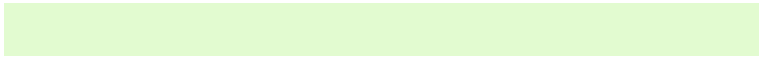
77.2464, 89.7172, 72.9203



73.8881, 89.7172, 86.4531

Triad

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



77.2464, 89.7172, 72.9203



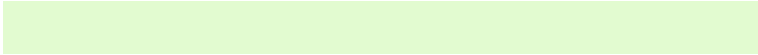
81.2551, 89.7172, 136.0039



98.2582, 89.7172, 90.8900

Complementary

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



77.2464, 89.7172, 72.9203



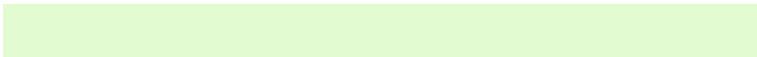
73.5763, 69.4029, 100.7898

Split Complementary

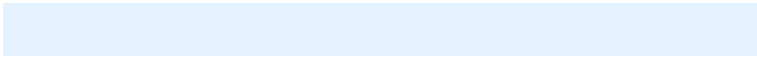
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.7723, 89.7172, 109.8538



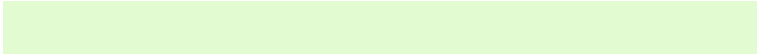
77.2464, 89.7172, 72.9203



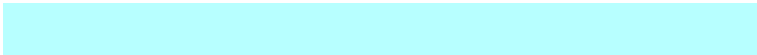
87.7272, 89.7172, 137.5914

Square

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



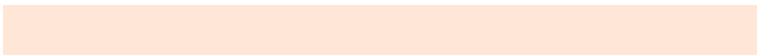
77.2464, 89.7172, 72.9203



76.1192, 89.7172, 123.4143



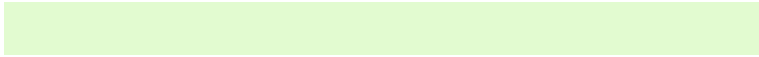
93.8383, 89.7172, 127.5081



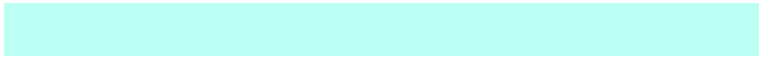
95.1338, 89.7172, 75.8090

Rectangle

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



77.2464, 89.7172, 72.9203



73.2746, 89.7172, 98.3886



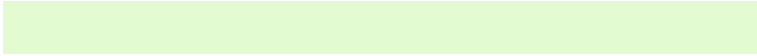
93.8383, 89.7172, 127.5081



98.5157, 89.7172, 96.9883

Sweetspot

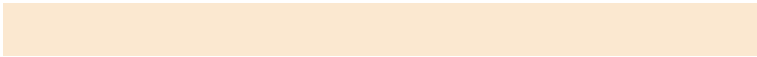
The Sweet Spot groups the original color and five complimentary colors.



77.2488, 89.7211, 72.9222



90.3895, 97.8268, 98.3198



80.1323, 82.9867, 71.4704



19.2110, 20.8754, 20.7384



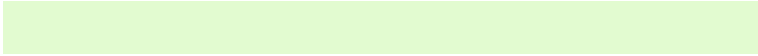
0.0000, 0.0000, 0.0000



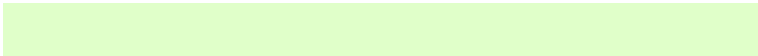
20.3446, 21.4041, 23.3091

Same Dimension

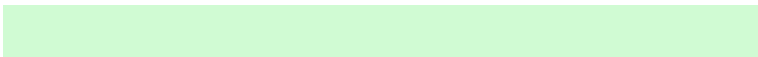
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2488, 89.7211, 72.9222



77.0538, 91.5837, 69.1526



72.2534, 87.1047, 74.5466



17.7058, 19.6641, 18.3248



21.3559, 37.9277, 6.1952



2.0957, 3.5735, 0.5793

Inverse Universe

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



73.5763, 69.4029, 100.7898



72.5112, 66.4576, 103.6136



79.3069, 72.4090, 98.7163



17.2500, 17.1415, 21.7848



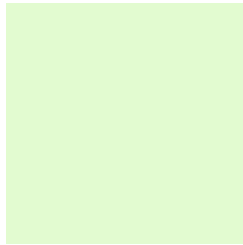
15.5484, 6.9582, 48.4971



1.5609, 0.7067, 4.4973

Previews

White Background



This preview shows how the XYZ color 77.2464, 89.7172, 72.9203 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 77.2464, 89.7172, 72.9203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

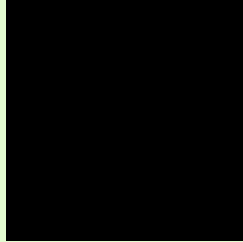
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

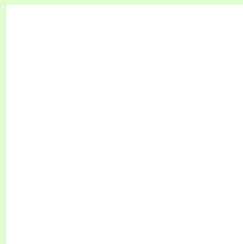
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.2464, 89.7172, 72.9203

Background



This preview shows how black text looks on a background with the XYZ color 77.2464, 89.7172, 72.9203.



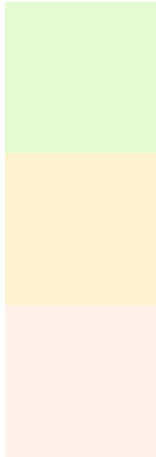
This preview shows how white text looks on a background with the XYZ color 77.2464, 89.7172,

72.9203.

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

77.2464, 89.7172, 72.9203

Protanopia

84.2546, 89.2693, 71.8215

Deuteranopia

87.1081, 89.4634, 89.7679



Tritanopia

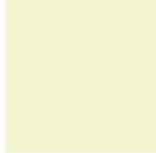
85.3605, 89.4983, 107.3837

Trichromacy



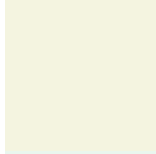
Original Color

77.2464, 89.7172, 72.9203



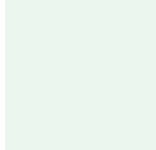
Protanomaly

81.2231, 89.0429, 71.9376



Deuteranomaly

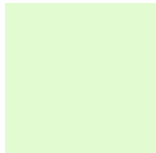
83.1135, 89.3163, 83.3802



Tritanomaly

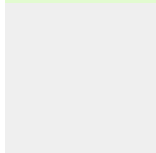
82.3201, 89.5770, 93.8403

Monochromacy



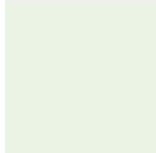
Original Color

77.2464, 89.7172, 72.9203



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.9859, 87.1950, 86.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2464, 89.7172, 72.9203 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(226, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 251, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.2464, 89.7172, 72.9203 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(226, 251, 208) }
```


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

```
.border{ border-color:rgb(226, 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(226, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 251,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2464, 89.7172, 72.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 251, 208) }
```

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

```
.background{ background-color: rgb(226,  
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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