

Converting Colors

XYZ(77.0053, 85.9295, 72.4075)

Have a look what the booklet for
XYZ(77.0053, 85.9295, 72.4075)
contains.

XYZ(77.0400, 85.9789, 72.2097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.0400, 85.9789,
72.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F3D0
RGB	233, 243, 208
RGB Percent	91%, 95%, 82%
CMY	0.0863, 0.0470, 0.1843
CMYK	0.04, 0.00, 0.14, 0.05
HSL	77°, 59%, 88%
HSV	77°, 14%, 95%
XYZ	77.0400, 85.9789, 72.2097
YIQ	236.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

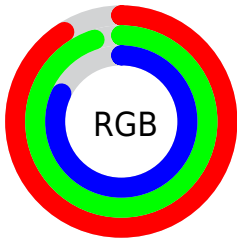
Format	Color
R _Y B	208, 243, 218
Decimal	15332304
CIE Lab	94.30, -9.26, 15.77
CIE LCh	94, 18.283, 120.415
Yxy	85.9789, 0.3275, 0.3655
Android (android.graphics.Color)	4293522384 (0xFFE9F3D0)
YUV	236.0200, -13.8139, -2.6485
Hunter-Lab	92.7248, -13.9625, 18.7351

Details

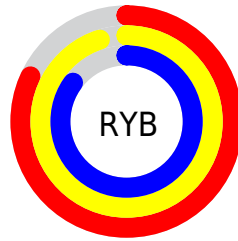
The XYZ color **77.0400, 85.9789, 72.2097** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.6505, 66.4907, 94.0671**, and the grayscale version is **79.8457, 84.0039, 91.4803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7345, 47.2209, 37.4867** is the 20% darker color. If you saturate the color by 10%, you get **72.0541, 83.7305, 57.5474**, and if you desaturate by 10%, it is **82.5779, 88.4640, 89.2924**.

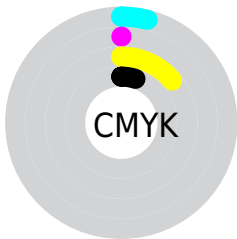
Distribution



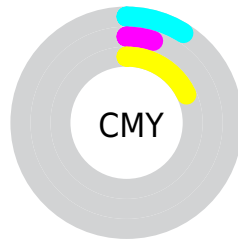
- Red (91%)
- Green (95%)
- Blue (82%)



- Red (82%)
- Yellow (95%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0400, 85.9789, 72.2097 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 77.0400, 85.9789, 72.2097 by changing the saturation by 10% instead.

77.0400, 85.9789,
72.2097

77.0400, 85.9789,
72.2097

473.7902,
514.8616, 487.2683

57.5857, 64.6505,
52.8421

128.1685,
141.7400, 124.0651

41.7177, 47.1778,
37.2899

160.5734,
176.9416, 157.3900

29.0704, 33.1762,
25.1345

198.0260,
217.5363, 196.2045

19.2787, 22.2615,
15.9573

240.8915,
263.9087, 240.9269

11.9770, 14.0491,
9.3399

289.5353,
316.4430, 291.9760

6.8001, 8.1549,
4.8637

344.3228,

3.3826, 4.1942,

375.5236, 349.7703

2.1102

405.6193,
441.5351, 414.7282

■ 1.3592, 1.7828,
0.6218

■ 0.2269, 0.4764,
0.0000

■ 77.0400, 85.9789,
72.2097

■ 77.0400, 85.9789,
72.2097

■ 72.0541, 83.7305,
57.5474

■ 82.5779, 88.4640,
89.2924

■ 67.5915, 81.6989,
45.1906

■ 88.4222, 91.0793,
107.5275

■ 63.6311, 79.8782,
35.0230

■ 90.9162, 92.3650,
107.6442

■ 60.1475, 78.2581,
26.9164

■ 91.3424, 92.5847,
107.6641

■ 57.1127, 76.8274,
20.7289

■ 54.4953, 75.5734,
16.3010

■ 52.2590, 74.4814,
13.4471

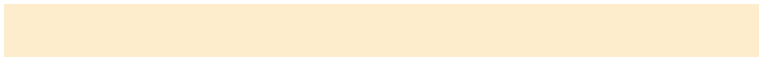
■ 50.3595, 73.5336,
11.9405

■ 49.4074, 73.0516,
11.4963

Harmonies

Analogous

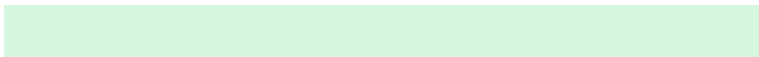
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6521, 85.9789, 69.1301



77.0400, 85.9789, 72.2097



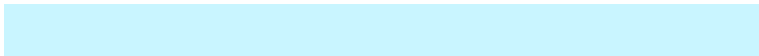
73.7932, 85.9789, 80.9091

Triad

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



77.0400, 85.9789, 72.2097



77.1537, 85.9789, 119.1132



91.5146, 85.9789, 93.4210

Complementary

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



77.0400, 85.9789, 72.2097



67.6505, 66.4907, 94.0671

Split Complementary

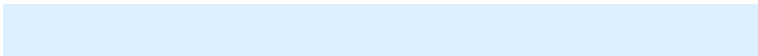
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1958, 85.9789, 107.5891



77.0400, 85.9789, 72.2097



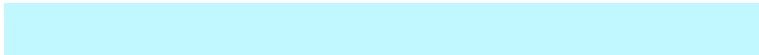
81.7886, 85.9789, 123.2935

Square

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



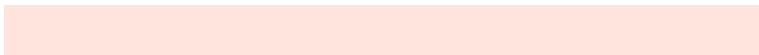
77.0400, 85.9789, 72.2097



73.8570, 85.9789, 107.9610



86.5866, 85.9789, 118.8838



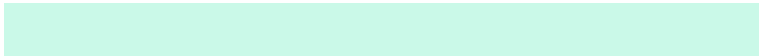
90.1229, 85.9789, 80.6023

Rectangle

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



77.0400, 85.9789, 72.2097



72.7726, 85.9789, 89.1923



86.5866, 85.9789, 118.8838



91.3730, 85.9789, 98.1845

Sweetspot

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



77.0423, 85.9827, 72.2116



92.3864, 98.8116, 100.4295



73.4002, 73.7111, 70.0349



19.6697, 21.1029, 21.1659



0.0000, 0.0000, 0.0000



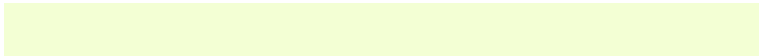
20.3446, 21.4041, 23.3091

Same Dimension

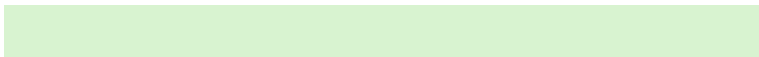
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0423, 85.9827, 72.2116



84.4270, 95.2411, 75.9897



71.6346, 83.1949, 71.9585



17.4262, 19.0618, 17.5584



27.2544, 40.1630, 6.3158



2.4962, 3.5819, 0.5598

Inverse Universe

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



67.6505, 66.4907, 94.0671



72.2591, 69.9859, 104.3079



73.1353, 69.3182, 94.3238



16.0260, 16.1560, 20.8163



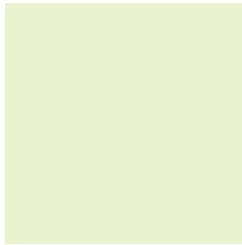
10.3580, 4.3141, 46.8248



1.0073, 0.4292, 4.1200

Previews

White Background



This preview shows how the XYZ color 77.0400, 85.9789, 72.2097 looks on a white background.

Color Contrast Check

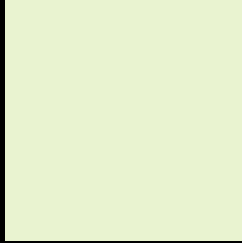
Large Text (above 18pt) WCAG AA × Fail

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 77.0400, 85.9789, 72.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

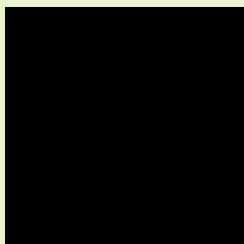
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

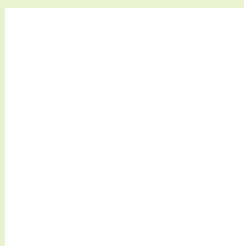
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0400, 85.9789, 72.2097

Background



This preview shows how black text looks on a background with the XYZ color 77.0400, 85.9789, 72.2097.

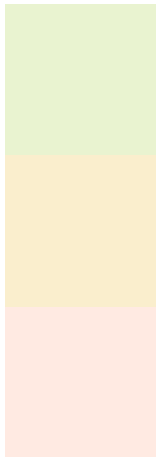


This preview shows how white text looks on a background with the XYZ color 77.0400, 85.9789,

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

77.0400, 85.9789, 72.2097

Protanopia

81.0183, 85.8808, 70.0641

Deuteranopia

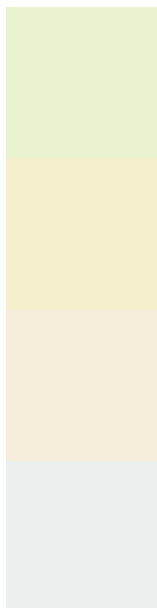
84.3903, 85.5966, 84.0255



Tritanopia

83.9806, 85.7362, 106.7302

Trichromacy



Original Color

77.0400, 85.9789, 72.2097

Protanomaly

79.6089, 86.0095, 70.7982

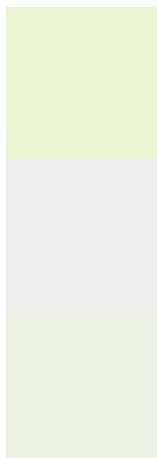
Deuteranomaly

81.4281, 85.4570, 79.2210

Tritanomaly

81.2242, 85.9106, 93.1903

Monochromacy



Original Color

77.0400, 85.9789, 72.2097

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.8549, 84.8862, 84.1801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0400, 85.9789, 72.2097 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(233, 243, 208) looks like.

```
.text, #text, p{  
    color:rgb(233, 243, 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(233, 243, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 243, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.0400, 85.9789, 72.2097 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(233, 243, 208) }
```


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

```
.border{ border-color:rgb(233, 243, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 243, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 243, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 243, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 243,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0400, 85.9789, 72.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 243, 208) }
```

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

```
.background{ background-color: rgb(233,  
243, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor