

Converting Colors

XYZ(80.0573, 88.2420, 76.0254)

Have a look what the booklet for
XYZ(80.0573, 88.2420, 76.0254)
contains.

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Color

**XYZ(79.9225, 88.2861,
75.7793)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF5D5
RGB	238, 245, 213
RGB Percent	93%, 96%, 84%
CMY	0.0667, 0.0392, 0.1647
CMYK	0.03, 0.00, 0.13, 0.04
HSL	73°, 62%, 90%
HSV	73°, 13%, 96%
XYZ	79.9225, 88.2861, 75.7793
YIQ	239.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

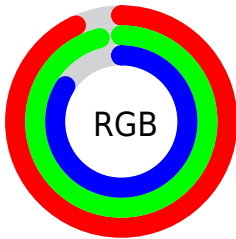
Format	Color
R _Y B	213, 245, 220
Decimal	15660501
CIE Lab	95.28, -7.73, 14.62
CIE LCh	95, 16.541, 117.852
Yxy	88.2861, 0.3276, 0.3618
Android (android.graphics.Color)	4293850581 (0xFFEEF5D5)
YUV	239.2590, -12.9457, -1.1041
Hunter-Lab	93.9607, -12.6000, 17.9551

Details

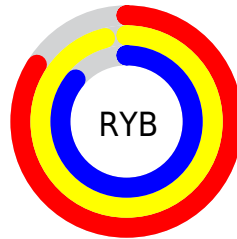
The XYZ color **79.9225, 88.2861, 75.7793** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.7944, 69.3991, 96.1079**, and the grayscale version is **82.3423, 86.6305, 94.3406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6606, 48.8089, 39.4677** is the 20% darker color. If you saturate the color by 10%, you get **75.2717, 86.2237, 60.5364**, and if you desaturate by 10%, it is **85.1016, 90.5718, 93.5030**.

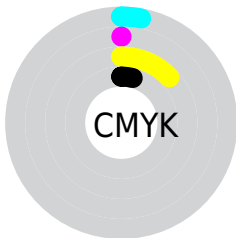
Distribution



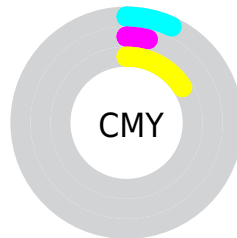
- Red (93%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9225, 88.2861, 75.7793 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 79.9225, 88.2861, 75.7793 by changing the saturation by 10% instead.

79.9225, 88.2861,
75.7793

79.9225, 88.2861,
75.7793

483.4121,
522.4397, 499.9186

59.9628, 66.5600,
55.7460

132.2079,
144.9554, 129.1721

43.6380, 48.7272,
39.5967

165.2643,
180.6674, 163.3687

30.5827, 34.4031,
26.9128

203.4169,
221.8102, 203.1234

20.4316, 23.2034,
17.2759

247.0313,
268.7682, 248.8549

12.8192, 14.7438,
10.2674

296.4726,
321.9257, 300.9816

7.3803, 8.6398,
5.4687

352.1063,

3.7495, 4.5070,

381.6672, 359.9221

2.4613

414.2977,
448.3771, 426.0949

■ 1.5614, 1.9610,
0.8195

■ 0.3671, 0.5847,
0.0000

■ 79.9225, 88.2861,
75.7793

■ 79.9225, 88.2861,
75.7793

■ 75.2717, 86.2237,
60.5364

■ 85.1016, 90.5718,
93.5030

■ 71.1205, 84.3645,
47.6578

■ 89.6737, 92.6180,
107.7585

■ 67.4484, 82.7030,
37.0265

■ 91.6100, 93.6162,
107.8491

■ 64.2302, 81.2290,
28.5130

■ 91.9442, 93.7885,
107.8647

■ 61.4385, 79.9317,
21.9748

■ 59.0422, 78.7984,
17.2517

■ 57.0059, 77.8150,
14.1589

■ 55.2864, 76.9641,
12.4719

■ 54.2352, 76.4339,
11.8947

Harmonies

Analogous

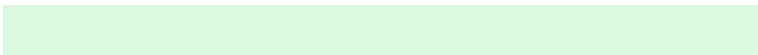
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2391, 88.2861, 73.3626



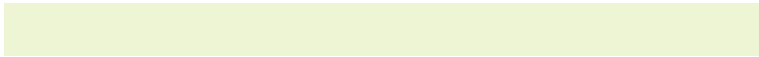
79.9225, 88.2861, 75.7793



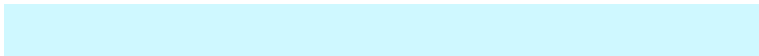
76.7756, 88.2861, 83.4967

Triad

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



79.9225, 88.2861, 75.7793



79.3782, 88.2861, 118.7529



92.8908, 88.2861, 97.0634

Complementary

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



79.9225, 88.2861, 75.7793



69.7944, 69.3991, 96.1079

Split Complementary

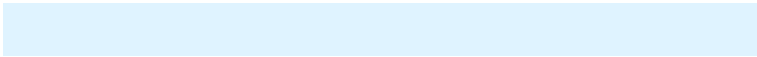
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4802, 88.2861, 109.9742



79.9225, 88.2861, 75.7793



83.5883, 88.2861, 123.1754

Square

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



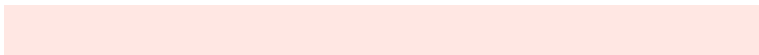
79.9225, 88.2861, 75.7793



76.4694, 88.2861, 108.2181



88.0348, 88.2861, 119.8290



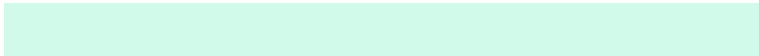
91.8253, 88.2861, 84.9747

Rectangle

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



79.9225, 88.2861, 75.7793



75.7093, 88.2861, 90.9909



88.0348, 88.2861, 119.8290



92.6895, 88.2861, 101.4560

Sweetspot

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



79.9249, 88.2900, 75.7812



92.6343, 98.9394, 100.4411



75.2452, 75.3706, 73.5342



19.7326, 21.1353, 21.1689



0.0000, 0.0000, 0.0000



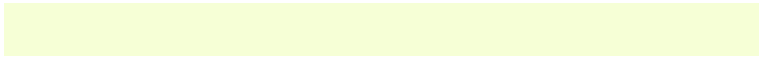
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9249, 88.2900, 75.7812



85.9536, 95.9907, 77.7501



74.8103, 85.6533, 75.5418



17.5390, 19.1199, 17.5637



29.3390, 41.2376, 6.4133



2.6643, 3.6686, 0.5677

Inverse Universe

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



69.7944, 69.3991, 96.1079



72.6189, 71.1232, 104.5085



74.8486, 72.0047, 96.3444



15.9203, 16.1015, 20.8114



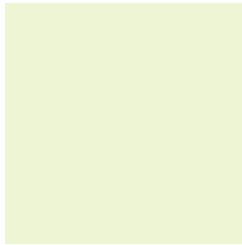
9.7832, 4.0178, 46.7979



0.9440, 0.3965, 4.1170

Previews

White Background



This preview shows how the XYZ color 79.9225, 88.2861, 75.7793 looks on a white background.

Color Contrast Check

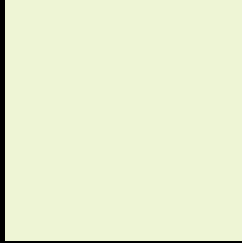
Large Text (above 18pt) WCAG AA × Fail

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 79.9225, 88.2861, 75.7793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

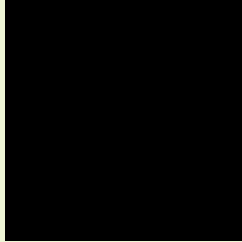
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

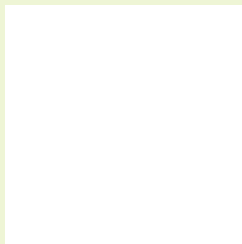
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9225, 88.2861, 75.7793

Background



This preview shows how black text looks on a background with the XYZ color 79.9225, 88.2861, 75.7793.



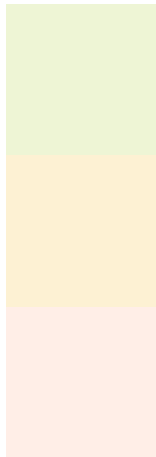
This preview shows how white text looks on a background with the XYZ color 79.9225, 88.2861,

75.7793.

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

79.9225, 88.2861, 75.7793

Protanopia

83.7212, 88.4964, 74.2969

Deuteranopia

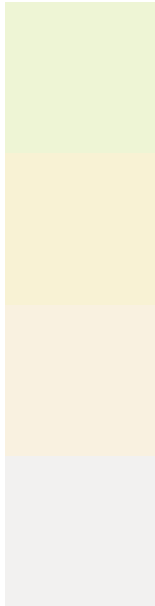
86.2383, 88.1786, 88.0762



Tritanopia

86.2247, 88.1861, 107.0848

Trichromacy



Original Color

79.9225, 88.2861, 75.7793

Protanomaly

82.3472, 88.2142, 74.9742

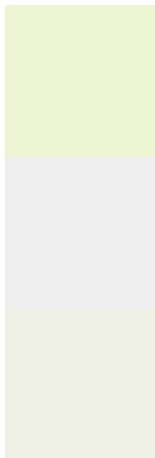
Deuteranomaly

83.9768, 88.4321, 83.1641

Tritanomaly

83.8014, 88.0791, 95.0222

Monochromacy



Original Color

79.9225, 88.2861, 75.7793

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.3348, 86.9745, 87.3639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9225, 88.2861, 75.7793 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(238, 245, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 213)  
}
```

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(238, 245, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 213) }
```

Border

The CSS property to change the border of an element to XYZ 79.9225, 88.2861, 75.7793 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(238, 245, 213) }
```


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

```
.border{ border-color:rgb(238, 245, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 245, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 245, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 245, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 245,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9225, 88.2861, 75.7793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 213) }
```

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

```
.background{ background-color: rgb(238,  
245, 213) }
```

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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