

Converting Colors

XYZ(79.7749, 87.4602, 77.3657)

Have a look what the booklet for
XYZ(79.7749, 87.4602, 77.3657)
contains.

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Color

**XYZ(79.7052, 87.2362,
77.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF3D8
RGB	238, 243, 216
RGB Percent	93%, 95%, 85%
CMY	0.0667, 0.0470, 0.1529
CMYK	0.02, 0.00, 0.11, 0.05
HSL	71°, 53%, 90%
HSV	71°, 11%, 95%
XYZ	79.7052, 87.2362, 77.6031
YIQ	238.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

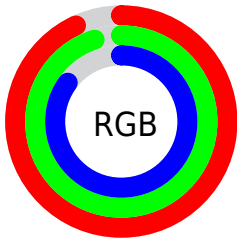
Format	Color
R _Y B	216, 243, 221
Decimal	15659992
CIE Lab	94.84, -6.25, 12.45
CIE LCh	95, 13.930, 116.645
Yxy	87.2362, 0.3259, 0.3567
Android (android.graphics.Color)	4293850072 (0xFFEEF3D8)
YUV	238.4270, -11.0565, -0.3745
Hunter-Lab	93.4003, -11.1237, 16.1182

Details

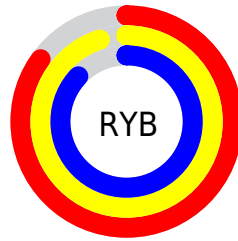
The XYZ color **79.7052, 87.2362, 77.6031** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.5557, 70.9573, 94.7761**, and the grayscale version is **81.6809, 85.9347, 93.5829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4948, 48.0589, 40.7021** is the 20% darker color. If you saturate the color by 10%, you get **75.3007, 85.3047, 62.1925**, and if you desaturate by 10%, it is **84.6170, 89.3806, 95.4662**.

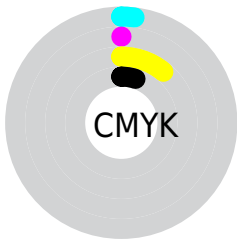
Distribution



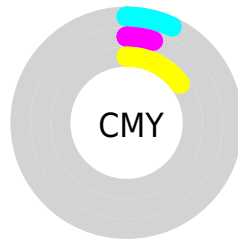
- Red (93%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7052, 87.2362, 77.6031 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 79.7052, 87.2362, 77.6031 by changing the saturation by 10% instead.

79.7052, 87.2362,
77.6031

79.7052, 87.2362,
77.6031

482.6905,
518.9987, 506.3100

59.7834, 65.6907,
57.2335

131.9039,
143.4933, 131.7712

43.4929, 48.0214,
40.7821

164.9115,
178.9737, 166.4068

30.4682, 33.8438,
27.8305

203.0118,
219.8679, 206.6349

20.3441, 22.7736,
17.9600

246.5701,
266.5602, 252.8738

12.7551, 14.4264,
10.7521

295.9517,
319.4350, 305.5423

7.3360, 8.4179,
5.7883

351.5221,

3.7213, 4.3635,

378.8768, 365.0588

2.6501

413.6466,
445.2699, 431.8418

■ 1.5457, 1.8789,
0.9182

■ 0.3566, 0.5356,
0.0000

■ 79.7052, 87.2362,
77.6031

■ 79.7052, 87.2362,
77.6031

■ 75.3007, 85.3047,
62.1925

■ 84.6170, 89.3806,
95.4662

■ 71.3757, 83.5666,
49.1218

■ 88.4631, 91.1004,
107.5294

■ 67.9106, 82.0167,
38.2779

■ 90.0707, 91.9291,
107.6046

■ 64.8813, 80.6454,
29.5362

■ 91.3423, 92.5847,
107.6641

■ 62.2617, 79.4422,
22.7598

■ 60.0223, 78.3953,
17.7955

■ 58.1295, 77.4912,
14.4678

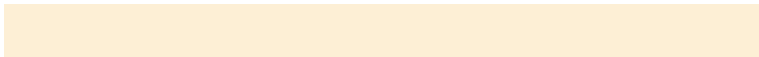
■ 56.5430, 76.7138,
12.5660

■ 55.3332, 76.1064,
11.7736

Harmonies

Analogous

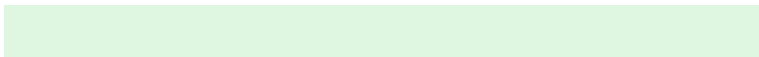
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3406, 87.2362, 75.7219



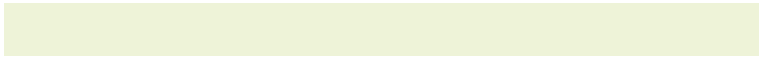
79.7052, 87.2362, 77.6031



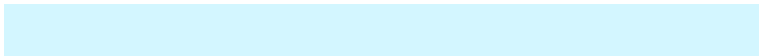
77.0037, 87.2362, 84.0162

Triad

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



79.7052, 87.2362, 77.6031



78.9912, 87.2362, 113.4130



90.3685, 87.2362, 96.2064

Complementary

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



79.7052, 87.2362, 77.6031



70.5557, 70.9573, 94.7761

Split Complementary

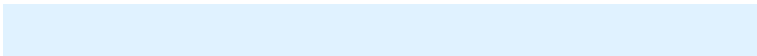
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1222, 87.2362, 106.8700



79.7052, 87.2362, 77.6031



82.4916, 87.2362, 117.2667

Square

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



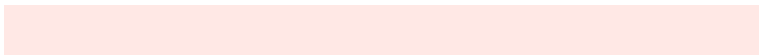
79.7052, 87.2362, 77.6031



76.6003, 87.2362, 104.6082



86.2106, 87.2362, 114.7869



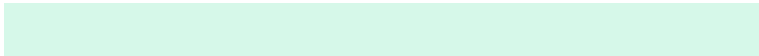
89.5684, 87.2362, 85.9716

Rectangle

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



79.7052, 87.2362, 77.6031



76.0571, 87.2362, 90.2677



86.2106, 87.2362, 114.7869



90.1741, 87.2362, 99.8647

Sweetspot

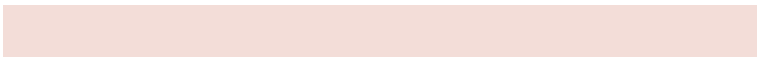
The Sweet Spot groups the original color and five complimentary colors.



79.7076, 87.2400, 77.6050



93.3229, 99.2491, 102.5175



75.2030, 75.7016, 75.6153



19.8780, 21.2012, 21.5871



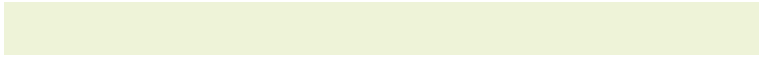
0.0000, 0.0000, 0.0000



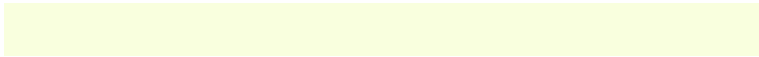
20.3446, 21.4041, 23.3091

Same Dimension

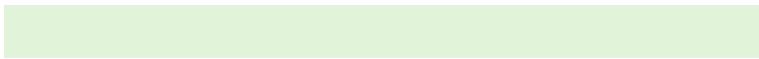
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7076, 87.2400, 77.6050



87.9405, 96.8992, 83.0703



75.3594, 84.9985, 77.4015



17.5959, 19.1493, 17.5663



30.4742, 41.8228, 6.4665



2.7546, 3.7151, 0.5719

Inverse Universe

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



70.5557, 70.9573, 94.7761



76.1243, 75.8758, 105.2411



74.8160, 73.1536, 94.9755



15.8676, 16.0744, 20.8089



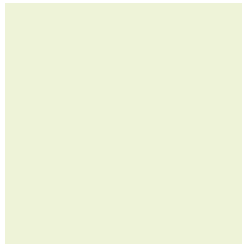
9.5551, 3.9002, 46.7872



0.9167, 0.3824, 4.1157

Previews

White Background



This preview shows how the XYZ color 79.7052, 87.2362, 77.6031 looks on a white background.

Color Contrast Check

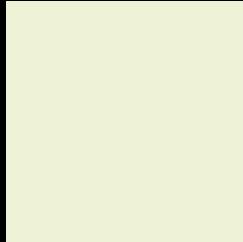
Large Text (above 18pt) WCAG AA × Fail

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 79.7052, 87.2362, 77.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

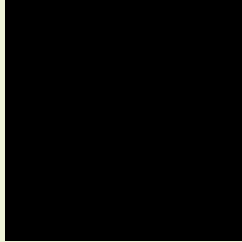
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

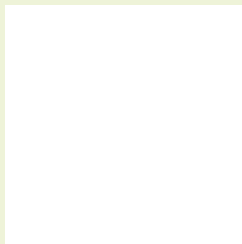
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7052, 87.2362, 77.6031

Background



This preview shows how black text looks on a background with the XYZ color 79.7052, 87.2362, 77.6031.

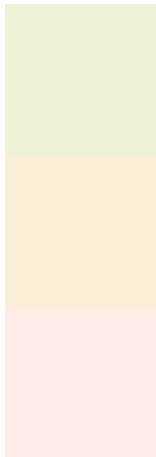


This preview shows how white text looks on a background with the XYZ color 79.7052, 87.2362,

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

79.7052, 87.2362, 77.6031

Protanopia

82.4284, 86.9120, 76.0496

Deuteranopia

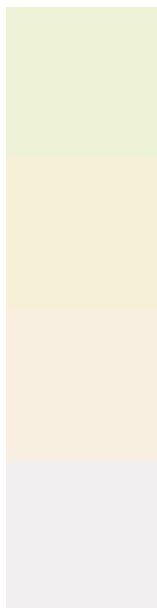
85.5184, 86.9641, 87.1414



Tritanopia

85.6424, 87.0215, 106.8907

Trichromacy



Original Color

79.7052, 87.2362, 77.6031

Protanomaly

81.4319, 86.8193, 76.7559

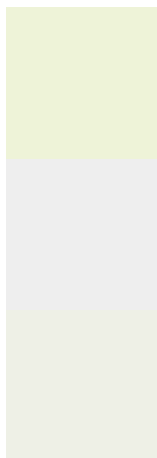
Deuteranomaly

83.5240, 87.3090, 83.6843

Tritanomaly

83.3616, 86.9611, 95.6106

Monochromacy



Original Color

79.7052, 87.2362, 77.6031

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7029, 86.2105, 87.2497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7052, 87.2362, 77.6031 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, 243, 216) looks like.

```
.text, #text, p{  
    color:rgb(238, 243, 216)  
}
```

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, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 243, 216) }
```

Border

The CSS property to change the border of an element to XYZ 79.7052, 87.2362, 77.6031 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, 243, 216) }
```


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

```
.border{ border-color:rgb(238, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(238, 243,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7052, 87.2362, 77.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 243, 216) }
```

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

```
.background{ background-color: rgb(238,  
243, 216) }
```

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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