

Converting Colors

XYZ(82.4477, 88.2389, 86.3366)

Have a look what the booklet for
XYZ(82.4477, 88.2389, 86.3366)
contains.

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Color

**XYZ(82.6721, 88.5799,
86.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F3E4
RGB	242, 243, 228
RGB Percent	95%, 95%, 89%
CMY	0.0510, 0.0470, 0.1059
CMYK	0.00, 0.00, 0.06, 0.05
HSL	64°, 38%, 92%
HSV	64°, 6%, 95%
XYZ	82.6721, 88.5799, 86.1391
YIQ	240.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

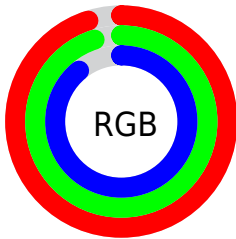
Format	Color
R_{YB}	228, 243, 229
Decimal	15922148
CIE _{Lab}	95.40, -2.91, 7.10
CIE _{LCh}	95, 7.675, 112.265
Yxy	88.5799, 0.3212, 0.3441
Android (android.graphics.Color)	4294112228 (0xFFFF2F3E4)
YUV	240.9910, -6.4046, 0.8849
Hunter-Lab	94.1169, -7.9105, 11.6175

Details

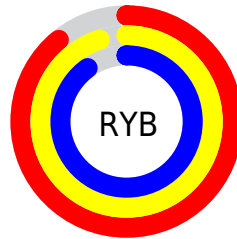
The XYZ color **82.6721, 88.5799, 86.1391** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2377, 78.6183, 95.9555**, and the grayscale version is **83.6507, 88.0070, 95.8396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5628, 48.9969, 46.5911** is the 20% darker color. If you saturate the color by 10%, you get **78.9778, 87.0408, 69.5770**, and if you desaturate by 10%, it is **86.8505, 90.3190, 105.2027**.

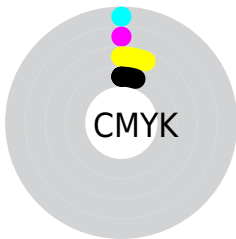
Distribution



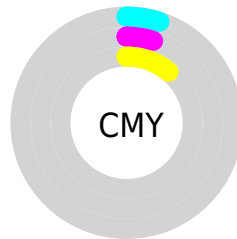
- Red (95%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6721, 88.5799, 86.1391 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 82.6721, 88.5799, 86.1391 by changing the saturation by 10% instead.

82.6721, 88.5799,
86.1391

82.6721, 88.5799,
86.1391

492.4935,
523.4004, 535.6323

62.2357, 66.8034,
64.2274

136.0470,
145.3642, 143.8518

45.4795, 48.9249,
46.3876

169.7162,
181.1409, 180.4900

32.0381, 34.5599,
32.2009

208.5271,
222.3530, 222.8741

21.5463, 23.3241,
21.2489

252.8450,
269.3851, 271.4227

13.6387, 14.8330,
13.1130

303.0352,
322.6215, 326.5542

7.9498, 8.7022,
7.3748

359.4631,

4.1144, 4.5475,

382.4466, 388.6873

3.6156

422.4941,
449.2448, 458.2405

■ 1.7670, 1.9843,
1.4169

■ 0.4977, 0.5983,
0.1549

■ 82.6721, 88.5799,
86.1391

■ 82.6721, 88.5799,
86.1391

■ 78.9778, 87.0408,
69.5770

■ 86.8505, 90.3190,
105.2027

■ 75.7406, 85.6822,
55.4069

■ 87.8480, 90.7833,
107.5006

■ 72.9418, 84.4996,
43.5200

■ 88.4191, 91.0778,
107.5273

■ 70.5589, 83.4839,
33.7967

■ 88.9953, 91.3748,
107.5543

68.5668, 82.6251,
26.1064

89.5764, 91.6744,
107.5815

66.9383, 81.9123,
20.3049

90.1626, 91.9766,
107.6089

65.6423, 81.3331,
16.2285

90.7539, 92.2814,
107.6366

64.6424, 80.8729,
13.6861

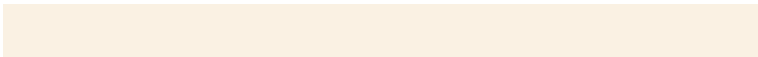
91.3424, 92.5848,
107.6641

63.8935, 80.5136,
12.4401

Harmonies

Analogous

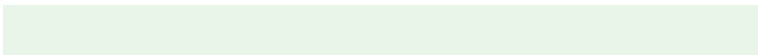
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7371, 88.5799, 85.4391



82.6721, 88.5799, 86.1391



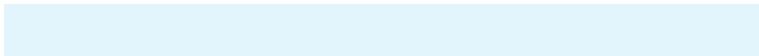
81.0399, 88.5799, 89.5439

Triad

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



82.6721, 88.5799, 86.1391



81.7458, 88.5799, 105.8845



88.2567, 88.5799, 98.0130

Complementary

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



82.6721, 88.5799, 86.1391



76.2377, 78.6183, 95.9555

Split Complementary

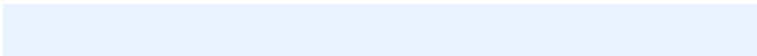
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4259, 88.5799, 103.6991



82.6721, 88.5799, 86.1391



83.6504, 88.5799, 108.3652

Square

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



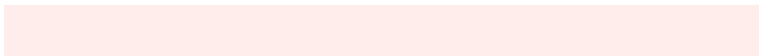
82.6721, 88.5799, 86.1391



80.5113, 88.5799, 100.8960



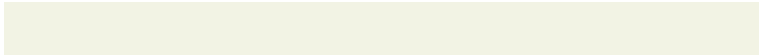
85.7315, 88.5799, 107.5492



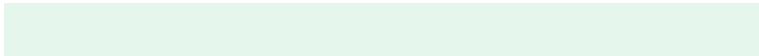
87.9843, 88.5799, 92.1335

Rectangle

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



82.6721, 88.5799, 86.1391



80.4054, 88.5799, 92.9692



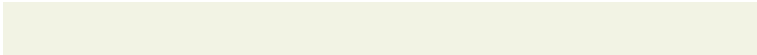
85.7315, 88.5799, 107.5492



88.0967, 88.5799, 100.0135

Sweetspot

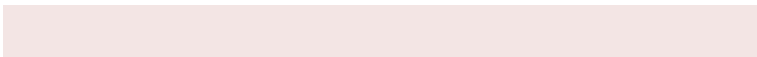
The Sweet Spot groups the original color and five complimentary colors.



82.6745, 88.5837, 86.1410



94.1141, 99.6111, 104.6268



78.9879, 80.6970, 84.8130



20.1541, 21.3250, 22.4392



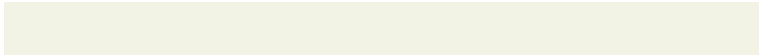
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.6745, 88.5837, 86.1410



91.8695, 98.6772, 94.4403



80.1535, 87.2841, 86.0230



17.9572, 19.3199, 18.2900



34.9755, 44.1433, 6.6771



3.1064, 3.8965, 0.5884

Inverse Universe

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



76.2377, 78.6183, 95.9555



83.7536, 86.1123, 106.8148



78.6822, 79.8785, 96.0699



16.2432, 16.6663, 20.9034



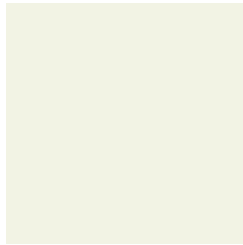
9.0371, 3.6331, 46.7630



0.8295, 0.3375, 4.1117

Previews

White Background



This preview shows how the XYZ color 82.6721, 88.5799, 86.1391 looks on a white background.

Color Contrast Check

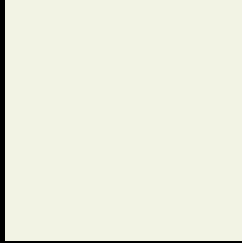
Large Text (above 18pt) WCAG AA × Fail

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 82.6721, 88.5799, 86.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

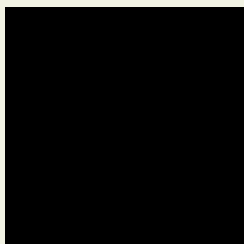
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

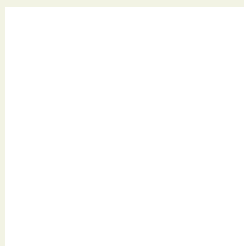
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6721, 88.5799, 86.1391

Background



This preview shows how black text looks on a background with the XYZ color 82.6721, 88.5799, 86.1391.



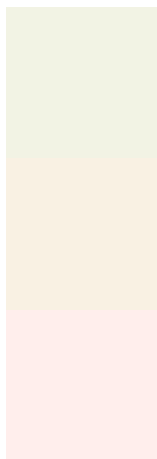
This preview shows how white text looks on a background with the XYZ color 82.6721, 88.5799,

86.1391.

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

82.6721, 88.5799, 86.1391

Protanopia

84.3873, 88.5964, 85.3262

Deuteranopia

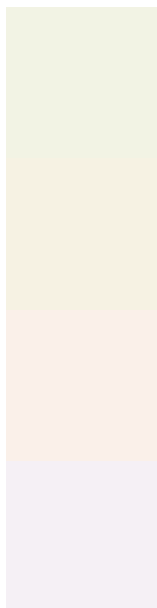
86.9549, 88.4652, 91.8494



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

82.6721, 88.5799, 86.1391

Protanomaly

83.6233, 88.6431, 85.3755

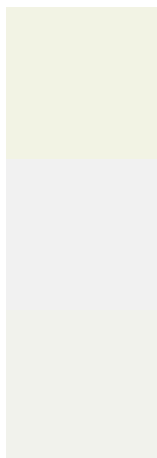
Deuteranomaly

85.2924, 88.5274, 89.6829

Tritanomaly

85.2977, 88.3252, 98.9390

Monochromacy



Original Color

82.6721, 88.5799, 86.1391

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1681, 88.2612, 92.0096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6721, 88.5799, 86.1391 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(242, 243, 228) looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 228)  
}
```

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(242, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 228) }
```

Border

The CSS property to change the border of an element to XYZ 82.6721, 88.5799, 86.1391 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(242, 243, 228) }
```


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

```
.border{ border-color:rgb(242, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6721, 88.5799, 86.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 228) }
```

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

```
.background{ background-color: rgb(242,  
243, 228) }
```

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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