

Converting Colors

XYZ(87.1505, 91.1345, 85.9164)

Have a look what the booklet for
XYZ(87.1505, 91.1345, 85.9164)
contains.

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Color

**XYZ(87.0889, 91.3182,
85.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF4E3
RGB	254, 244, 227
RGB Percent	100%, 96%, 89%
CMY	0.0039, 0.0431, 0.1098
CMYK	0.00, 0.04, 0.11, 0.00
HSL	38°, 93%, 94%
HSV	38°, 11%, 100%
XYZ	87.0889, 91.3182, 85.7092
YIQ	245.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

Format	Color
RYB	243, 254, 227
Decimal	16708835
CIELab	96.54, 0.55, 9.37
CIELCh	97, 9.386, 86.662
Yxy	91.3182, 0.3297, 0.3457
Android (android.graphics.Color)	4294898915 (0xFFFEF4E3)
YUV	245.0520, -8.8996, 7.8474
Hunter-Lab	95.5606, -4.5554, 13.7146

Details

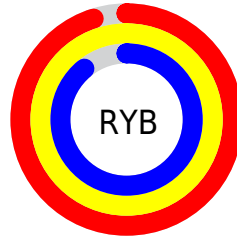
The XYZ color **87.0889, 91.3182, 85.7092** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8521, 84.0538, 105.7823**, and the grayscale version is **86.8979, 91.4234, 99.5601**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4556, 50.8153, 46.2842** is the 20% darker color. If you saturate the color by 10%, you get **81.0818, 84.5060, 67.6680**, and if you desaturate by 10%, it is **93.7626, 98.6341, 106.5263**.

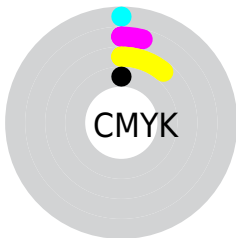
Distribution



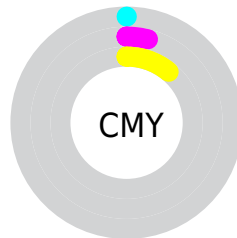
- Red (100%)
- Green (96%)
- Blue (89%)



- Red (95%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0889, 91.3182, 85.7092 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 87.0889, 91.3182, 85.7092 by changing the saturation by 10% instead.


 87.0889, 91.3182,
85.7092

 87.0889, 91.3182,
85.7092

506.8951,
532.3096, 534.1775

 65.8971, 69.0745,
63.8740


142.1871,
149.1681, 143.2466

 48.4562, 50.7724,
46.1031


176.8241,
185.5430, 179.7858

 34.4011, 36.0275,
31.9779


216.6736,
227.3972, 222.0635

 23.3662, 24.4554,
21.0800

262.1009,
275.1149, 270.4982

 14.9863, 15.6718,
12.9907

313.4713,
329.0806, 325.5084

 8.8961, 9.2922,
7.2915

371.1503,

 4.7300, 4.9323,

389.6787, 387.5127

3.5638

435.5031,
457.2936, 456.9295

■ 2.1229, 2.2076,
1.3893

■ 0.7016, 0.7241,
0.1333

■ 87.0889, 91.3182,
85.7092

■ 87.0889, 91.3182,
85.7092

■ 81.0818, 84.5060,
67.6680

■ 93.7626, 98.6341,
106.5263

■ 75.7092, 78.1721,
52.2774

94.6835, 99.8111,
108.8828

■ 70.9470, 72.3064,
39.4109

■ 66.7670, 66.8942,
28.9296

■ 63.1378, 61.9191,
20.6808

■ 60.0250, 57.3637,
14.4939

■ 57.3891, 53.2084,
10.1735

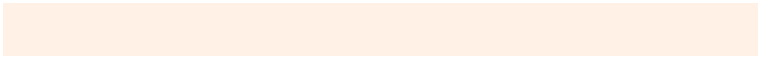
■ 55.1834, 49.4304,
7.4859

■ 53.4390, 46.2020,
6.1013

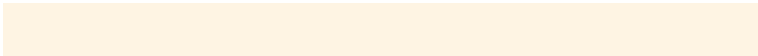
Harmonies

Analogous

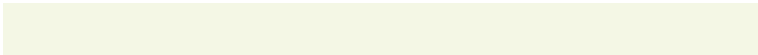
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5938, 91.3182, 87.8554



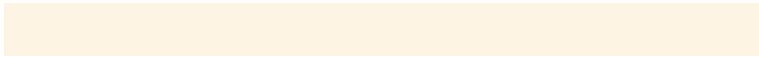
87.0889, 91.3182, 85.7092



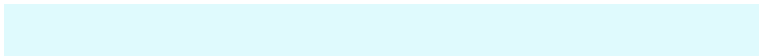
84.5539, 91.3182, 87.0840

Triad

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



87.0889, 91.3182, 85.7092



82.3699, 91.3182, 106.0466



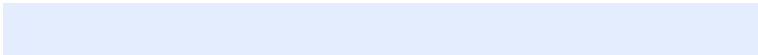
91.0730, 91.3182, 107.5729

Complementary

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



87.0889, 91.3182, 85.7092



79.8521, 84.0538, 105.7823

Split Complementary

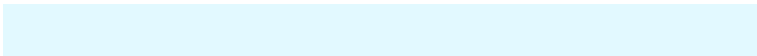
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0758, 91.3182, 112.8909



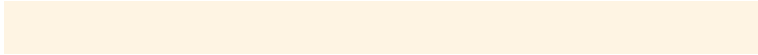
87.0889, 91.3182, 85.7092



84.0555, 91.3182, 111.9790

Square

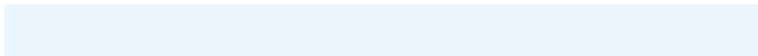
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0889, 91.3182, 85.7092



81.8618, 91.3182, 98.5922



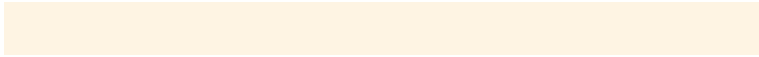
86.5022, 91.3182, 114.5421



91.9229, 91.3182, 100.2725

Rectangle

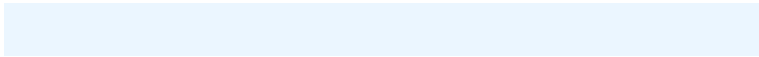
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.0889, 91.3182, 85.7092



83.1820, 91.3182, 89.8520



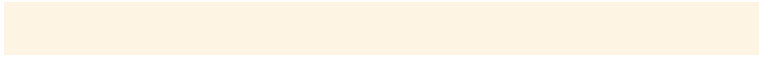
86.5022, 91.3182, 114.5421



90.5116, 91.3182, 109.6655

Sweetspot

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



87.0914, 91.3222, 85.7112



92.9457, 97.7234, 102.2429



83.6806, 82.1453, 91.8356



19.7761, 20.7883, 21.5128



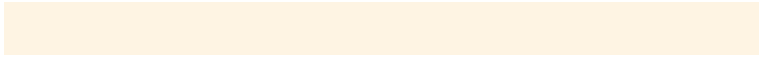
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.0914, 91.3222, 85.7112



86.3739, 90.4642, 81.9108



89.0377, 96.9122, 86.6876



18.9629, 19.8939, 18.9848



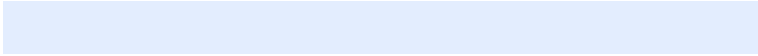
28.3193, 24.6499, 3.2653



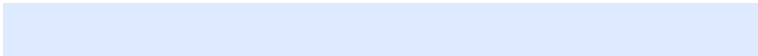
2.8620, 2.6093, 0.3528

Inverse Universe

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



79.8521, 84.0538, 105.7823



77.5859, 81.6412, 106.2769



78.0411, 78.9432, 104.8914



17.5538, 18.4791, 22.8916



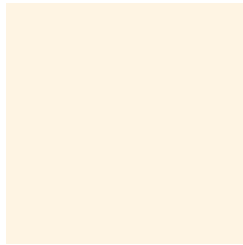
11.6721, 8.2539, 50.4126



1.2368, 1.0042, 4.9419

Previews

White Background



This preview shows how the XYZ color 87.0889, 91.3182, 85.7092 looks on a white background.

Color Contrast Check

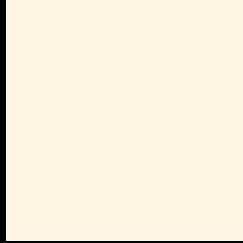
Large Text (above 18pt) WCAG AA × Fail

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 87.0889, 91.3182, 85.7092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

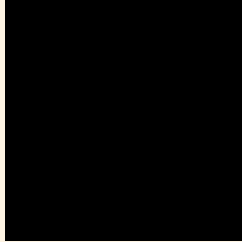
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.0889, 91.3182, 85.7092

Background



This preview shows how black text looks on a background with the XYZ color 87.0889, 91.3182, 85.7092.



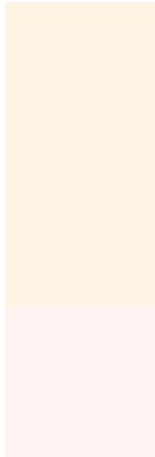
This preview shows how white text looks on a background with the XYZ color 87.0889, 91.3182,

85.792.

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

87.0889, 91.3182, 85.7092

Protanopia

87.0889, 91.3182, 85.7092

Deuteranopia

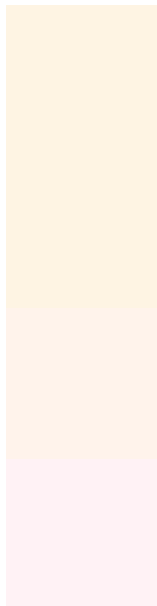
88.7203, 91.0555, 95.3375



Tritanopia

90.7453, 91.3906, 107.4651

Trichromacy



Original Color

87.0889, 91.3182, 85.7092

Protanomaly

87.0889, 91.3182, 85.7092

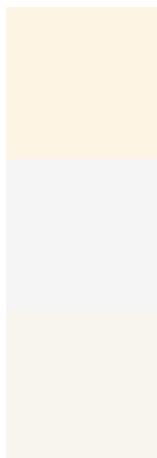
Deuteranomaly

88.2860, 91.3593, 91.5782

Tritanomaly

89.4736, 91.3568, 99.3041

Monochromacy



Original Color

87.0889, 91.3182, 85.7092

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.7964, 91.4343, 93.9628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0889, 91.3182, 85.7092 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(254, 244, 227) looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 227)  
}
```

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(254, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 227) }
```

Border

The CSS property to change the border of an element to XYZ 87.0889, 91.3182, 85.7092 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(254, 244, 227) }
```


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

```
.border{ border-color:rgb(254, 244, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0889, 91.3182, 85.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 227) }
```

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

```
.background{ background-color: rgb(254,  
244, 227) }
```

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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