

Converting Colors

XYZ(86.9113, 92.3886, 83.4701)

Have a look what the booklet for
XYZ(86.9113, 92.3886, 83.4701)
contains.

XYZ(86.9183, 92.1760, 83.7317)	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(86.9183, 92.1760,
83.7317)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF6E0
RGB	253, 246, 224
RGB Percent	99%, 96%, 88%
CMY	0.0078, 0.0353, 0.1216
CMYK	0.00, 0.03, 0.11, 0.01
HSL	46°, 88%, 94%
HSV	46°, 11%, 99%
XYZ	86.9183, 92.1760, 83.7317
YIQ	245.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

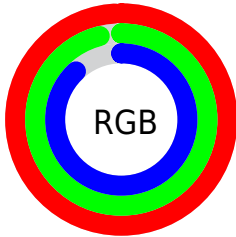
Format	Color
R _Y B	233, 253, 224
Decimal	16643808
CIE Lab	96.89, -1.28, 11.41
CIE LCh	97, 11.480, 96.427
Yxy	92.1760, 0.3307, 0.3507
Android (android.graphics.Color)	4294833888 (0xFFFD6E0)
YUV	245.5850, -10.6414, 6.5030
Hunter-Lab	96.0083, -6.4149, 15.4973

Details

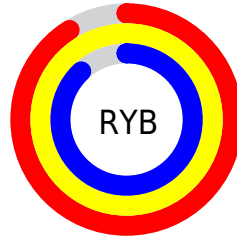
The XYZ color **86.9183, 92.1760, 83.7317** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0458, 80.0894, 104.3273**, and the grayscale version is **87.3412, 91.8897, 100.0679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3398, 51.4272, 44.9148** is the 20% darker color. If you saturate the color by 10%, you get **81.9143, 87.2560, 66.3762**, and if you desaturate by 10%, it is **92.4989, 97.4304, 103.8004**.

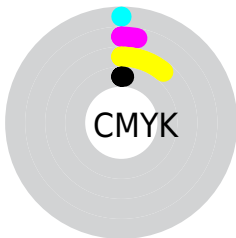
Distribution



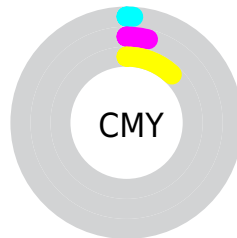
- Red (99%)
- Green (96%)
- Blue (88%)



- Red (91%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9183, 92.1760, 83.7317 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 86.9183, 92.1760, 83.7317 by changing the saturation by 10% instead.


 86.9183, 92.1760,
83.7317

 86.9183, 92.1760,
83.7317


506.3429,
535.0842, 527.4566

 65.7554, 69.7868,
62.2498


141.9505,
150.3573, 140.4582

 48.3408, 51.3528,
44.7975

176.5505,
186.9182, 176.5399

 34.3093, 36.4894,
30.9562


216.3603,
228.9718, 218.3253

 23.2953, 24.8124,
20.3073

261.7452,
276.9025, 266.2329

 14.9336, 15.9374,
12.4323

313.0705,
331.0947, 320.6813

 8.8588, 9.4798,
6.9127

370.7017,

 4.7056, 5.0555,

391.9328, 382.0890

3.3300

435.0041,
459.8011, 450.8746

■ 2.1085, 2.2798,
1.2655

■ 0.6938, 0.7630,
0.0333

■ 86.9183, 92.1760,
83.7317

■ 86.9183, 92.1760,
83.7317

■ 81.9143, 87.2560,
66.3762

■ 92.4989, 97.4304,
103.8004

■ 77.4564, 82.6480,
51.6096

■ 94.3183, 99.6228,
108.8658

■ 73.5223, 78.3453,
39.3063

■ 70.0852, 74.3362,
29.3282

■ 67.1158, 70.6079,
21.5235

■ 64.5812, 67.1464,
15.7221

■ 62.4436, 63.9356,
11.7286

■ 60.6579, 60.9563,
9.3078

■ 59.3527, 58.5715,
8.1772

Harmonies

Analogous

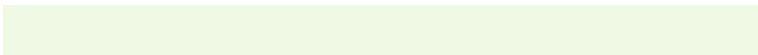
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1137, 92.1760, 84.9520



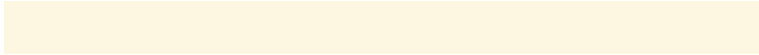
86.9183, 92.1760, 83.7317



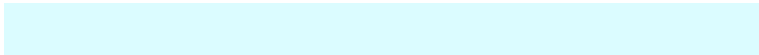
83.9800, 92.1760, 86.7430

Triad

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



86.9183, 92.1760, 83.7317



82.7156, 92.1760, 111.2822



93.4174, 92.1760, 107.6346

Complementary

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



86.9183, 92.1760, 83.7317



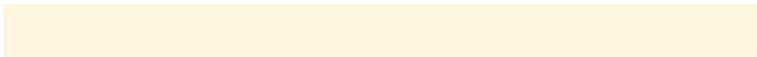
77.0458, 80.0894, 104.3273

Split Complementary

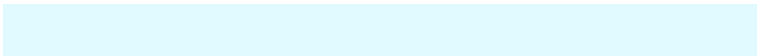
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3442, 92.1760, 115.3411



86.9183, 92.1760, 83.7317



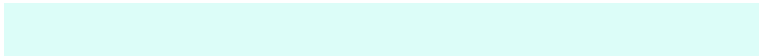
85.1541, 92.1760, 117.5357

Square

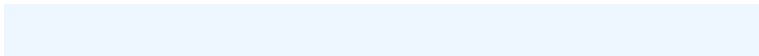
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9183, 92.1760, 83.7317



81.5923, 92.1760, 102.3649



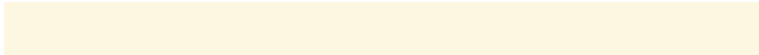
88.3064, 92.1760, 119.0647



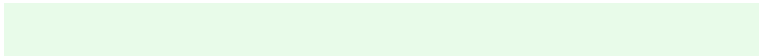
93.9177, 92.1760, 98.3894

Rectangle

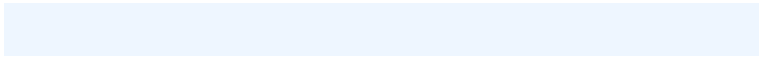
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.9183, 92.1760, 83.7317



82.5452, 92.1760, 90.8607



88.3064, 92.1760, 119.0647



92.8789, 92.1760, 110.5079

Sweetspot

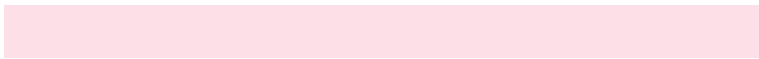
The Sweet Spot groups the original color and five complimentary colors.



86.9208, 92.1801, 83.7337



93.2567, 98.3454, 102.3465



81.6239, 79.9789, 86.9232



19.8602, 20.9564, 21.5408



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

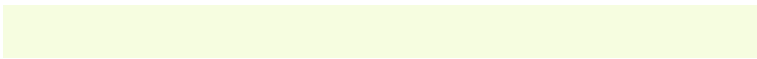
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9208, 92.1801, 83.7337



87.1399, 92.5387, 80.4941



86.4992, 95.1809, 84.3351



19.1682, 20.3045, 19.0532



31.6925, 31.3961, 4.3897



3.1704, 3.2262, 0.4556

Inverse Universe

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



77.0458, 80.0894, 104.3273



75.0727, 77.7645, 105.6610



77.4222, 77.4351, 103.7952



17.3587, 18.0891, 22.8266



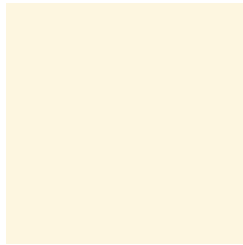
10.4136, 5.7368, 49.9930



1.0945, 0.7197, 4.8945

Previews

White Background



This preview shows how the XYZ color 86.9183, 92.1760, 83.7317 looks on a white background.

Color Contrast Check

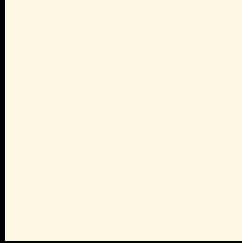
Large Text (above 18pt) WCAG AA × Fail

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 86.9183, 92.1760, 83.7317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

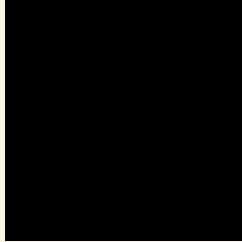
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.9183, 92.1760, 83.7317

Background



This preview shows how black text looks on a background with the XYZ color 86.9183, 92.1760, 83.7317.

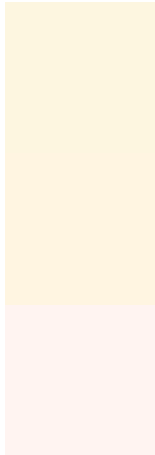


This preview shows how white text looks on a background with the XYZ color 86.9183, 92.1760,

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

86.9183, 92.1760, 83.7317

Protanopia

87.4830, 92.0011, 84.3813

Deuteranopia

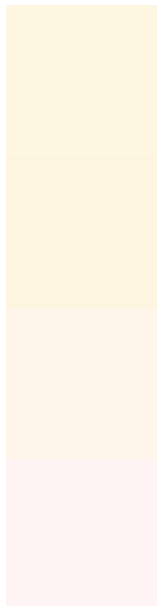
89.4679, 92.3122, 96.3217



Tritanopia

90.9736, 92.3920, 107.6464

Trichromacy



Original Color

86.9183, 92.1760, 83.7317

Protanomaly

87.1161, 91.8119, 84.3641

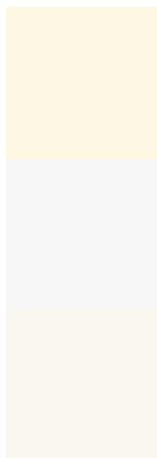
Deuteranomaly

88.5209, 92.3738, 91.7616

Tritanomaly

89.5529, 92.3039, 98.6844

Monochromacy



Original Color

86.9183, 92.1760, 83.7317

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.4553, 92.2243, 94.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9183, 92.1760, 83.7317 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(253, 246, 224) looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 224)  
}
```

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(253, 246, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 224) }
```

Border

The CSS property to change the border of an element to XYZ 86.9183, 92.1760, 83.7317 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(253, 246, 224) }
```


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

```
.border{ border-color:rgb(253, 246, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 246, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 224);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9183, 92.1760, 83.7317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 224) }
```

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

```
.background{ background-color: rgb(253,  
246, 224) }
```

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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