

Converting Colors

XYZ(90.4788, 93.0925, 85.1194)

Have a look what the booklet for
XYZ(90.4788, 93.0925, 85.1194)
contains.

XYZ(87.3182, 91.4524, 85.0014)	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(87.3182, 91.4524,
85.0014)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4E2
RGB	255, 244, 226
RGB Percent	100%, 96%, 89%
CMY	0.0000, 0.0431, 0.1137
CMYK	0.00, 0.04, 0.11, 0.00
HSL	37°, 100%, 94%
HSV	37°, 11%, 100%
XYZ	87.3182, 91.4524, 85.0014
YIQ	245.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

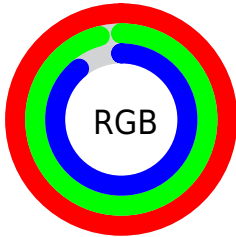
Format	Color
RYB	244, 255, 226
Decimal	16774370
CIELab	96.60, 0.73, 9.98
CIELCh	97, 10.002, 85.787
Yxy	91.4524, 0.3310, 0.3467
Android (android.graphics.Color)	4294964450 (0xFFFFF4E2)
YUV	245.2370, -9.4838, 8.5622
Hunter-Lab	95.6307, -4.3696, 14.2416

Details

The XYZ color **87.3182, 91.4524, 85.0014** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6975, 83.9548, 106.6121**, and the grayscale version is **87.0507, 91.5841, 99.7351**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6226, 50.9125, 45.7925** is the 20% darker color. If you saturate the color by 10%, you get **81.2434, 84.4923, 66.9782**, and if you desaturate by 10%, it is **94.0702, 98.9335, 105.8201**.

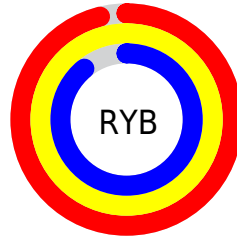
Distribution



Red (100%)

Green (96%)

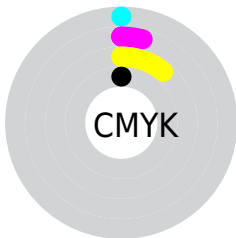
Blue (89%)



Red (96%)

Yellow (100%)

Blue (89%)

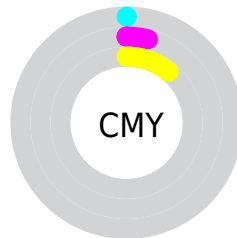


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.3182, 91.4524, 85.0014 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 87.3182, 91.4524, 85.0014 by changing the saturation by 10% instead.


 87.3182, 91.4524,
85.0014

 87.3182, 91.4524,
85.0014


507.6368,
532.7442, 531.7774

 66.0875, 69.1859,
63.2924

142.5050,
149.3542, 142.2493

 48.6114, 50.8631,
45.6353


177.1917,
185.7583, 178.6253

 34.5246, 36.0997,
31.6115

217.0945,
227.6437, 220.7273

 23.4617, 24.5112,
20.8026

262.5787,
275.3948, 268.9740

 15.0573, 15.7133,
12.7899

314.0097,
329.3960, 323.7838

 8.9462, 9.3215,
7.1550

371.7528,

 4.7629, 4.9515,

390.0317, 385.5752

3.4793

436.1734,
457.6863, 454.7669

■ 2.1422, 2.2188,
1.3443

■ 0.7120, 0.7302,
0.0977

■ 87.3182, 91.4524,
85.0014

■ 87.3182, 91.4524,
85.0014

■ 81.2434, 84.4923,
66.9782

■ 94.0702, 98.9335,
105.8201

■ 75.8144, 78.0280,
51.6234

■ 95.0500, 100.0000,
108.9000

■ 71.0063, 72.0487,
38.8086

■ 66.7900, 66.5389,
28.3925

■ 63.1336, 61.4819,
20.2196

■ 60.0018, 56.8593,
14.1162

■ 57.3541, 52.6509,
9.8825

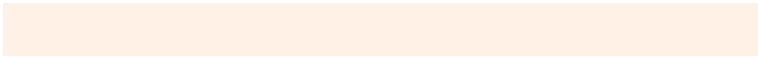
■ 55.1424, 48.8332,
7.2786

■ 53.5223, 45.8247,
6.0241

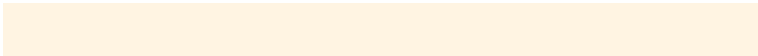
Harmonies

Analogous

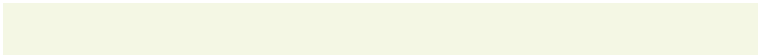
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9797, 91.4524, 87.3827



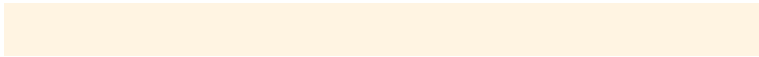
87.3182, 91.4524, 85.0014



84.6057, 91.4524, 86.3503

Triad

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



87.3182, 91.4524, 85.0014



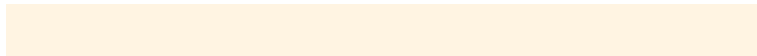
82.1729, 91.4524, 106.4230



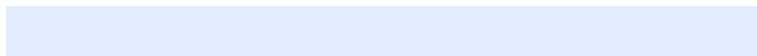
91.4432, 91.4524, 108.4835

Complementary

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



87.3182, 91.4524, 85.0014



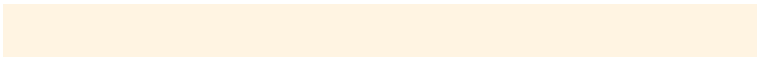
79.6975, 83.9548, 106.6121

Split Complementary

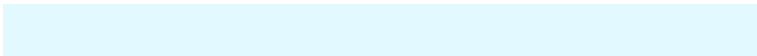
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2817, 91.4524, 114.0879



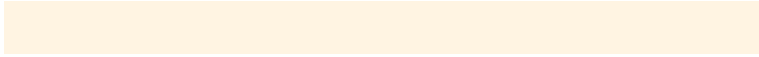
87.3182, 91.4524, 85.0014



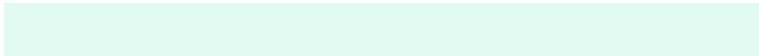
83.9358, 91.4524, 112.8542

Square

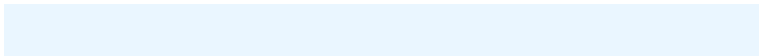
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3182, 91.4524, 85.0014



81.6724, 91.4524, 98.4496



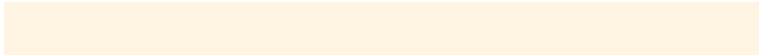
86.5285, 91.4524, 115.7283



92.3934, 91.4524, 100.7112

Rectangle

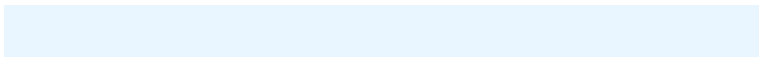
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3182, 91.4524, 85.0014



83.1274, 91.4524, 89.2241



86.5285, 91.4524, 115.7283



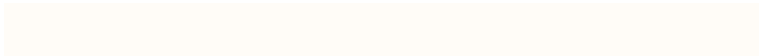
90.8320, 91.4524, 110.6994

Sweetspot

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



87.3203, 91.4562, 85.0033



92.9243, 97.6805, 102.2357



83.7401, 81.7750, 91.5816



19.7703, 20.7767, 21.5109



0.0000, 0.0000, 0.0000



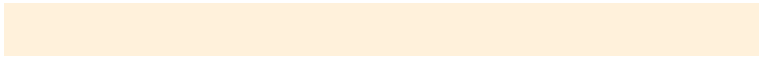
20.3446, 21.4041, 23.3091

Same Dimension

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



87.3203, 91.4562, 85.0033



85.6590, 89.5768, 80.0004



89.4940, 97.6351, 86.0814



18.9488, 19.8658, 18.9801



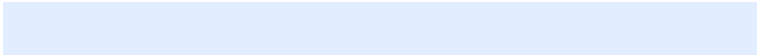
28.1151, 24.2415, 3.1972



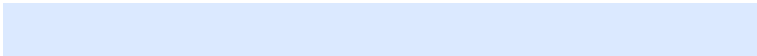
2.8429, 2.5711, 0.3464

Inverse Universe

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



79.6975, 83.9548, 106.6121



76.4459, 80.5108, 106.1188



77.6829, 78.3351, 105.6336



17.5674, 18.5063, 22.8961



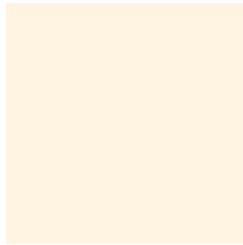
11.7818, 8.4731, 50.4491



1.2484, 1.0276, 4.9458

Previews

White Background



This preview shows how the XYZ color 87.3182, 91.4524, 85.0014 looks on a white background.

Color Contrast Check

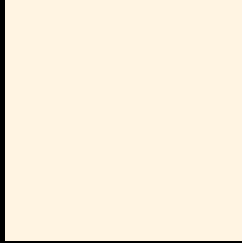
Large Text (above 18pt) WCAG AA × Fail

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 87.3182, 91.4524, 85.0014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

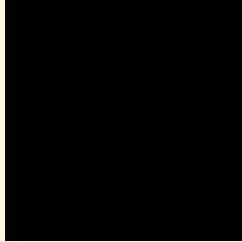
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3182, 91.4524, 85.0014

Background



This preview shows how black text looks on a background with the XYZ color 87.3182, 91.4524, 85.0014.

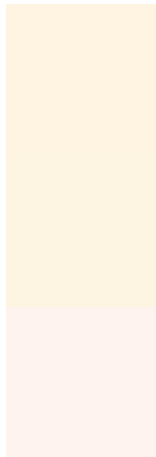


This preview shows how white text looks on a background with the XYZ color 87.3182, 91.4524,

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

87.3182, 91.4524, 85.0014

Protanopia

86.9512, 91.2632, 84.9842

Deuteranopia

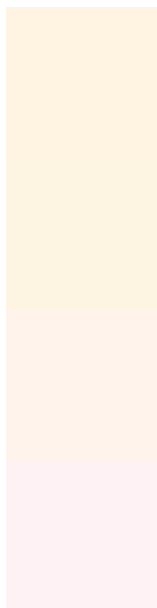
89.0188, 91.6525, 95.4370



Tritanopia

90.5847, 91.3264, 106.6194

Trichromacy



Original Color

87.3182, 91.4524, 85.0014

Protanomaly

86.9512, 91.2632, 84.9842

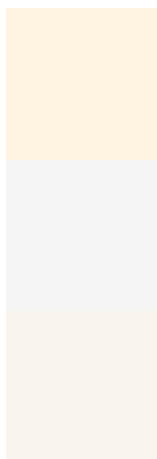
Deuteranomaly

88.2860, 91.3593, 91.5782

Tritanomaly

89.3213, 91.2959, 98.5021

Monochromacy



Original Color

87.3182, 91.4524, 85.0014

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.1519, 91.6176, 93.9795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3182, 91.4524, 85.0014 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(255, 244, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 226)  
}
```

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(255, 244, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 226) }
```

Border

The CSS property to change the border of an element to XYZ 87.3182, 91.4524, 85.0014 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(255, 244, 226) }
```


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

```
.border{ border-color:rgb(255, 244, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3182, 91.4524, 85.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 226) }
```

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

```
.background{ background-color: rgb(255,  
244, 226) }
```

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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