

Converting Colors

XYZ(82.5894, 91.6905, 87.4739)

Have a look what the booklet for
XYZ(82.5894, 91.6905, 87.4739)
contains.

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Color

**XYZ(82.5894, 91.6905,
87.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFAE5
RGB	235, 250, 229
RGB Percent	92%, 98%, 90%
CMY	0.0784, 0.0196, 0.1020
CMYK	0.06, 0.00, 0.08, 0.02
HSL	103°, 68%, 94%
HSV	103°, 8%, 98%
XYZ	82.5894, 91.6905, 87.4739
YIQ	243.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

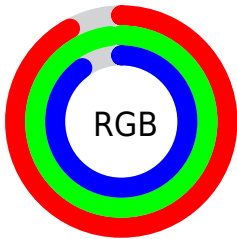
Format	Color
R _Y B	229, 250, 244
Decimal	15465189
CIE Lab	96.69, -8.62, 8.38
CIE LCh	97, 12.021, 135.838
Yxy	91.6905, 0.3155, 0.3503
Android (android.graphics.Color)	4293655269 (0xFFEBFAE5)
YUV	243.1210, -6.9617, -7.1221
Hunter-Lab	95.7552, -13.6142, 12.8662

Details

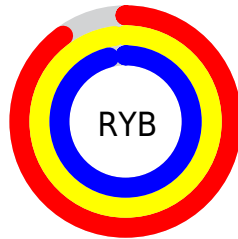
The XYZ color **82.5894, 91.6905, 87.4739** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5865, 82.1764, 101.9561**, and the grayscale version is **85.3448, 89.7894, 97.7807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5222, 51.2233, 47.5322** is the 20% darker color. If you saturate the color by 10%, you get **73.7441, 87.5080, 70.1316**, and if you desaturate by 10%, it is **92.5346, 96.3873, 107.4955**.

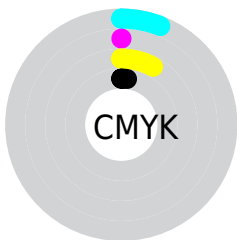
Distribution



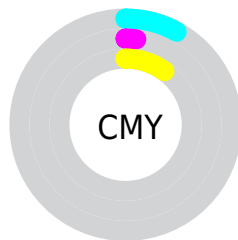
- Red (92%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (98%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)





- Cyan (8%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5894, 91.6905, 87.4739 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 82.5894, 91.6905, 87.4739 by changing the saturation by 10% instead.


 82.5894, 91.6905,
87.4739

 82.5894, 91.6905,
87.4739


492.2217,
533.5148, 540.1354

 62.1672, 69.3836,
65.3256


135.9318,
149.6844, 145.7292

 45.4240, 51.0242,
47.2721

169.5827,
186.1401, 182.6732

 31.9942, 36.2278,
32.8949


208.3739,
228.0809, 225.3863

 21.5126, 24.6102,
21.7755

252.6707,
275.8912, 274.2869

 13.6138, 15.7869,
13.4953

302.8386,
329.9553, 329.7936

 7.9324, 9.3735,
7.6358

359.2428,

 4.1032, 4.9856,

390.6577, 392.3248

3.7784

422.2487,
458.3827, 462.2993

■ 1.7607, 2.2388,
1.5046

■ 0.4938, 0.7410,
0.2213

■ 82.5894, 91.6905,
87.4739

■ 82.5894, 91.6905,
87.4739

■ 73.7441, 87.5080,
70.1316

■ 92.5346, 96.3873,
107.4955

■ 65.9523, 83.8103,
55.3492

■ 93.4774, 96.8548,
108.3758

■ 59.1755, 80.5828,
43.0071

■ 53.3697, 77.8059,
32.9739

■ 48.4875, 75.4581,
25.1058

■ 44.4773, 73.5164,
19.2427

■ 41.2817, 71.9551,
15.2027

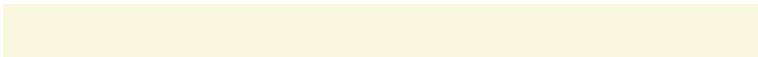
■ 38.8353, 70.7452,
12.7706

■ 37.0538, 69.8500,
11.6442

Harmonies

Analogous

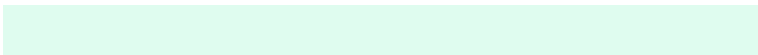
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3951, 91.6905, 83.0485



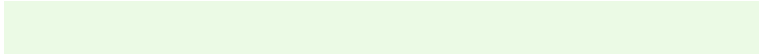
82.5894, 91.6905, 87.4739



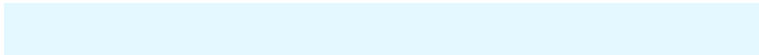
81.0248, 91.6905, 95.3699

Triad

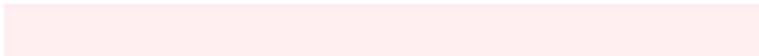
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5894, 91.6905, 87.4739



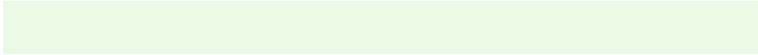
85.5756, 91.6905, 118.9019



93.5231, 91.6905, 94.8630

Complementary

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



82.5894, 91.6905, 87.4739



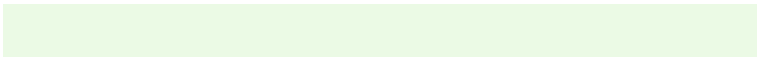
82.5865, 82.1764, 101.9561

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.



93.5744, 91.6905, 104.4381



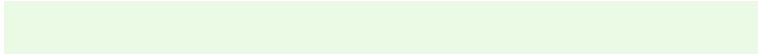
82.5894, 91.6905, 87.4739



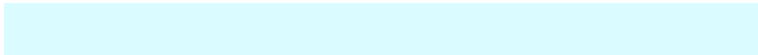
88.9269, 91.6905, 118.7444

Square

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



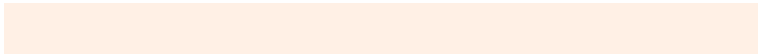
82.5894, 91.6905, 87.4739



82.7186, 91.6905, 113.7272



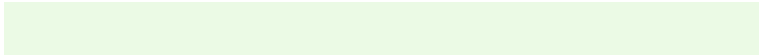
91.8735, 91.6905, 113.3098



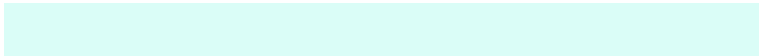
91.7350, 91.6905, 87.1235

Rectangle

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



82.5894, 91.6905, 87.4739



80.8695, 91.6905, 101.7320



91.8735, 91.6905, 113.3098



93.7456, 91.6905, 97.9624

Sweetspot

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



82.5919, 91.6944, 87.4759



91.8605, 98.4952, 102.4490



85.8314, 90.5060, 87.0758



19.4833, 20.9977, 21.5687



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.



82.5919, 91.6944, 87.4759



84.8257, 95.1724, 88.3946



81.2381, 90.9279, 90.5118



17.4830, 19.5492, 18.3143



19.6491, 37.0477, 6.1153



1.9193, 3.4825, 0.5710

Inverse Universe

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



82.5865, 82.1764, 101.9561



84.8187, 83.4404, 106.2429



84.0509, 83.0066, 98.6238



17.4816, 17.2609, 21.7956



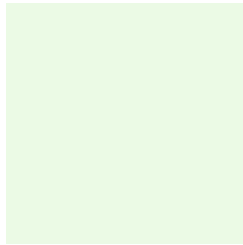
19.1124, 8.7955, 48.6639



1.8744, 0.8684, 4.5120

Previews

White Background



This preview shows how the XYZ color 82.5894, 91.6905, 87.4739 looks on a white background.

Color Contrast Check

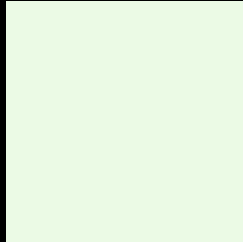
Large Text (above 18pt) WCAG AA × Fail

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 82.5894, 91.6905, 87.4739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

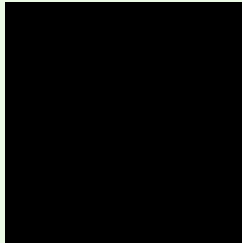
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

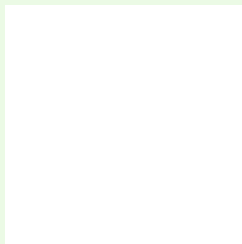
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5894, 91.6905, 87.4739

Background



This preview shows how black text looks on a background with the XYZ color 82.5894, 91.6905, 87.4739.



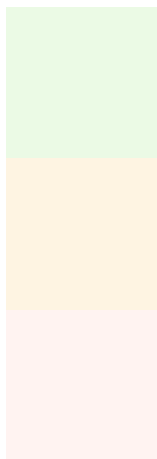
This preview shows how white text looks on a background with the XYZ color 82.5894, 91.6905,

87.4739.

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

82.5894, 91.6905, 87.4739

Protanopia

86.9512, 91.2632, 84.9842

Deuteranopia

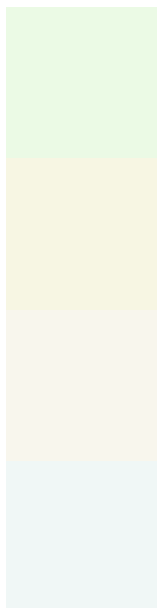
89.1678, 91.7121, 96.2216



Tritanopia

87.6646, 91.5795, 107.6639

Trichromacy



Original Color

82.5894, 91.6905, 87.4739

Protanomaly

85.1787, 91.2317, 85.7931

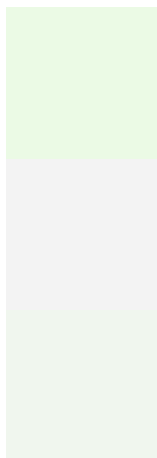
Deuteranomaly

86.9532, 91.9824, 93.2922

Tritanomaly

85.8305, 91.7006, 100.3650

Monochromacy



Original Color

82.5894, 91.6905, 87.4739

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.3236, 90.6098, 93.9340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5894, 91.6905, 87.4739 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(235, 250, 229) looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 229)  
}
```

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(235, 250, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 229) }
```

Border

The CSS property to change the border of an element to XYZ 82.5894, 91.6905, 87.4739 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(235, 250, 229) }
```


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

```
.border{ border-color:rgb(235, 250, 229) }
```

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

Here you see how a box with a 4 pixel rgb(235, 250, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5894, 91.6905, 87.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 229) }
```

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

```
.background{ background-color: rgb(235,  
250, 229) }
```

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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