

Converting Colors

XYZ(85.3884, 95.4908, 87.1412)

Have a look what the booklet for
XYZ(85.3884, 95.4908, 87.1412)
contains.

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Color

**XYZ(85.3602, 95.4722,
87.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE4
RGB	239, 255, 228
RGB Percent	94%, 100%, 89%
CMY	0.0627, 0.0000, 0.1059
CMYK	0.06, 0.00, 0.11, 0.00
HSL	96°, 100%, 95%
HSV	96°, 11%, 100%
XYZ	85.3602, 95.4722, 87.3278
YIQ	247.1380, -0.8690, -11.7890

Conversions

Conversions Part 2

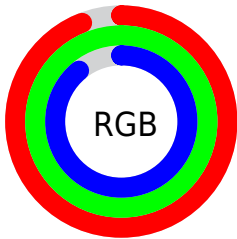
Format	Color
R_{YB}	228, 255, 244
Decimal	15728612
CIE _{Lab}	98.22, -9.93, 11.11
CIE _{LCh}	98, 14.907, 131.794
Yxy	95.4722, 0.3183, 0.3560
Android (android.graphics.Color)	4293918692 (0xFFEFFFFE4)
YUV	247.1380, -9.4350, -7.1370
Hunter-Lab	97.7099, -15.0531, 15.4067

Details

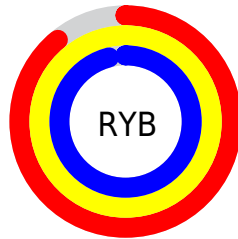
The XYZ color **85.3602, 95.4722, 87.3278** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **83.1024, 81.9411, 106.0440**, and the grayscale version is **88.5946, 93.2084, 101.5040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2653, 53.4726, 47.3653** is the 20% darker color. If you saturate the color by 10%, you get **77.1867, 91.6379, 69.8089**, and if you desaturate by 10%, it is **94.4839, 99.7359, 107.6194**.

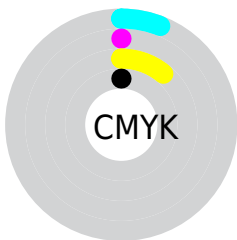
Distribution



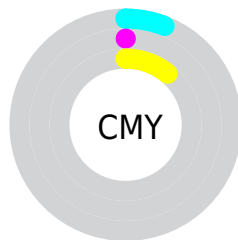
- Red (94%)
- Green (100%)
- Blue (89%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3602, 95.4722, 87.3278 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 85.3602, 95.4722, 87.3278 by changing the saturation by 10% instead.


 85.3602, 95.4722,
87.3278

 85.3602, 95.4722,
87.3278


501.2849,
545.6756, 539.6436

 64.4625, 72.5281,
65.2053


139.7878,
154.9168, 145.5238

 47.2885, 53.5901,
47.1752


174.0484,
192.1860, 182.4345

 33.4727, 38.2741,
32.8188


213.4940,
234.9991, 225.1117

 22.6498, 26.1955,
21.7177

258.4900,
283.7404, 273.9738

 14.4544, 16.9699,
13.4533

309.4017,
338.7943, 329.4396

 8.5212, 10.2131,
7.6070

366.5946,

 4.4848, 5.5405,

400.5452, 391.9274

3.7604

430.4338,
469.3775, 461.8559

■ 1.9799, 2.5677,
1.4948

■ 0.6226, 0.9105,
0.2141

■ 85.3602, 95.4722,
87.3278

■ 85.3602, 95.4722,
87.3278

■ 77.1867, 91.6379,
69.8089

94.4839, 99.7359,
107.6194

■ 69.9281, 88.2175,
54.9381

95.0500, 100.0000,
108.9000

■ 63.5499, 85.1962,
42.5874

■ 58.0142, 82.5574,
32.6168

■ 53.2804, 80.2836,
24.8725

■ 49.3035, 78.3552,
19.1825

■ 46.0333, 76.7508,
15.3498

■ 43.4115, 75.4454,
13.1387

■ 41.4562, 74.4565,
12.1866

Harmonies

Analogous

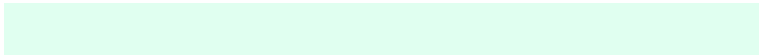
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0691, 95.4722, 82.5148



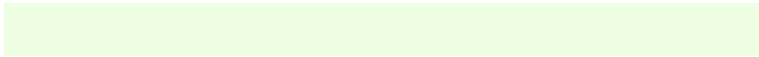
85.3602, 95.4722, 87.3278



83.1365, 95.4722, 96.7505

Triad

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



85.3602, 95.4722, 87.3278



88.1924, 95.4722, 128.0288



99.0537, 95.4722, 99.2023

Complementary

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



85.3602, 95.4722, 87.3278



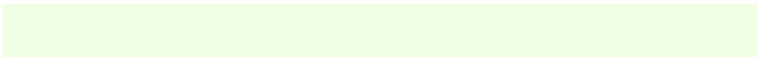
83.1024, 81.9411, 106.0440

Split Complementary

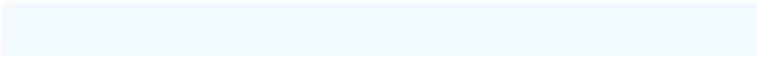
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.8009, 95.4722, 111.5043



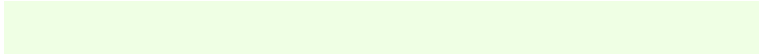
85.3602, 95.4722, 87.3278



92.4386, 95.4722, 128.8157

Square

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



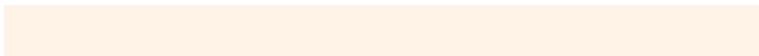
85.3602, 95.4722, 87.3278



84.7358, 95.4722, 120.4926



96.3484, 95.4722, 122.5647



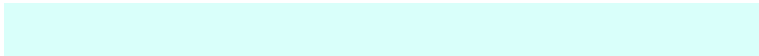
97.0286, 95.4722, 89.0007

Rectangle

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



85.3602, 95.4722, 87.3278



82.7516, 95.4722, 104.6937



96.3484, 95.4722, 122.5647



99.2340, 95.4722, 103.2158

Sweetspot

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



85.3609, 95.4725, 87.3292



92.1944, 98.6674, 102.4647



87.5196, 91.4130, 86.4319



19.5732, 21.0441, 21.5729



0.0000, 0.0000, 0.0000



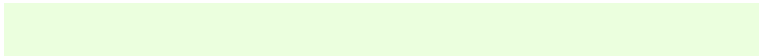
20.3446, 21.4041, 23.3091

Same Dimension

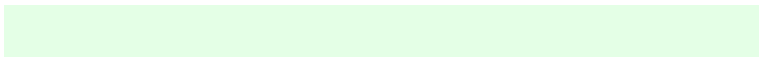
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3609, 95.4725, 87.3292



83.3032, 94.5087, 82.8533



82.0738, 93.7416, 88.8166



18.4723, 20.5294, 19.1333



21.8205, 38.9870, 6.3752



2.2446, 3.8579, 0.6263

Inverse Universe

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



83.1024, 81.9411, 106.0440



80.5761, 78.1708, 105.4494



86.6738, 83.8238, 104.3314



18.0351, 17.9098, 22.7563



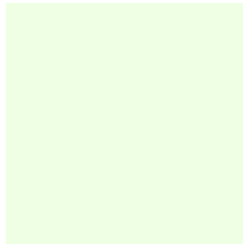
16.2844, 7.3054, 49.9864



1.7095, 0.7752, 4.8728

Previews

White Background



This preview shows how the XYZ color 85.3602, 95.4722, 87.3278 looks on a white background.

Color Contrast Check

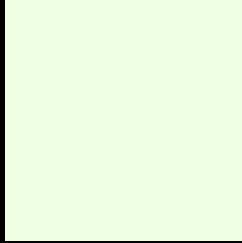
Large Text (above 18pt) WCAG AA × Fail

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 85.3602, 95.4722, 87.3278 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

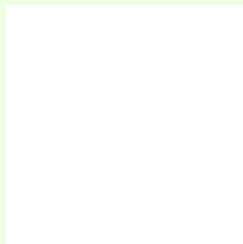
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3602, 95.4722, 87.3278

Background



This preview shows how black text looks on a background with the XYZ color 85.3602, 95.4722, 87.3278.



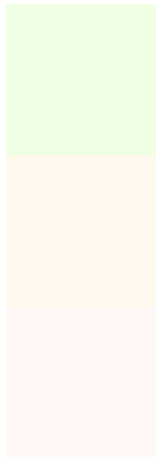
This preview shows how white text looks on a background with the XYZ color 85.3602, 95.4722,

87.3278.

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

85.3602, 95.4722, 87.3278

Protanopia

90.4017, 95.1258, 93.7172

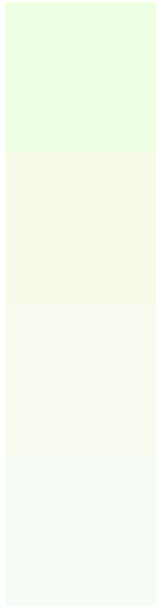
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

85.3602, 95.4722, 87.3278

Protanomaly

88.4154, 95.0746, 91.5331

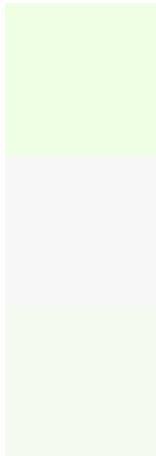
Deuteranomaly

89.2923, 95.4254, 96.1508

Tritanomaly

88.9480, 95.6259, 100.1558

Monochromacy



Original Color

85.3602, 95.4722, 87.3278

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.2220, 93.8956, 95.9646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3602, 95.4722, 87.3278 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(239, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 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(239, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 228) }
```

Border

The CSS property to change the border of an element to XYZ 85.3602, 95.4722, 87.3278 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(239, 255, 228) }
```


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

```
.border{ border-color:rgb(239, 255, 228) }
```

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

Here you see how a box with a 4 pixel rgb(239, 255, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3602, 95.4722, 87.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 228) }
```

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

```
.background{ background-color: rgb(239,  
255, 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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