

Converting Colors

XYZ(91.0809, 103.6106,
95.2900)

Have a look what the booklet for
XYZ(91.0809, 103.6106, 95.2900)
contains.

XYZ(87.3217, 96.3352, 94.1130)	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(87.3217, 96.3352,
94.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFED
RGB	241, 255, 237
RGB Percent	95%, 100%, 93%
CMY	0.0549, 0.0000, 0.0706
CMYK	0.05, 0.00, 0.07, 0.00
HSL	107°, 100%, 96%
HSV	107°, 7%, 100%
XYZ	87.3217, 96.3352, 94.1130
YIQ	248.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

Format	Color
R_{YB}	237, 255, 251
Decimal	15859693
CIE Lab	98.57, -7.75, 7.01
CIE LCh	99, 10.449, 137.848
Yxy	96.3352, 0.3144, 0.3468
Android (android.graphics.Color)	4294049773 (0xFFFF1FFED)
YUV	248.7620, -5.7987, -6.8073
Hunter-Lab	98.1505, -12.9570, 11.8543

Details

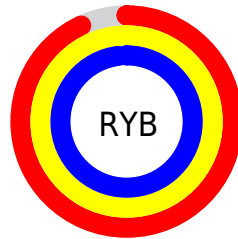
The XYZ color **87.3217, 96.3352, 94.1130** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.1186, 88.2988, 107.0068**, and the grayscale version is **89.8942, 94.5757, 102.9930**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5422, 54.0387, 51.5881** is the 20% darker color. If you saturate the color by 10%, you get **77.4509, 91.6469, 75.5660**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

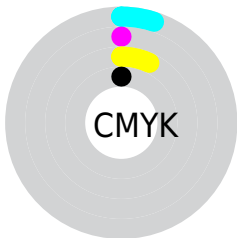
Distribution



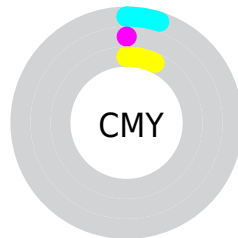
- Red (95%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3217, 96.3352, 94.1130 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 87.3217, 96.3352, 94.1130 by changing the saturation by 10% instead.


 87.3217, 96.3352,
94.1130

 87.3217, 96.3352,
94.1130

507.6481,
548.4307, 562.2331

 66.0904, 73.2468,
70.8041


142.5098,
156.1079, 155.0236

 48.6138, 54.1778,
51.7015


177.1973,
193.5610, 193.4625

 34.5265, 38.7438,
36.3866


217.1009,
236.5712, 237.7817

 23.4631, 26.5605,
24.4409

262.5860,
285.5227, 288.3999

 15.0584, 17.2434,
15.4458

314.0179,
340.8000, 345.7356

 8.9470, 10.4082,
8.9827

371.7620,

 4.7634, 5.6704,

402.7875, 410.2074

4.6333

436.1836,
471.8696, 482.2337

■ 2.1425, 2.6457,
1.9788

■ 0.7121, 0.9497,
0.5422

■ 87.3217, 96.3352,
94.1130

■ 87.3217, 96.3352,
94.1130

■ 77.4509, 91.6469,
75.5660

95.0500, 100.0000,
108.9000

■ 68.8007, 87.5292,
59.7241

■ 61.3231, 83.9602,
46.4623

■ 54.9663, 80.9160,
35.6437

■ 49.6745, 78.3712,
27.1191

■ 45.3866, 76.2978,
20.7227

■ 42.0351, 74.6652,
16.2666

■ 39.5434, 73.4387,
13.5299

■ 37.8193, 72.5769,
12.2309

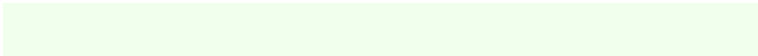
Harmonies

Analogous

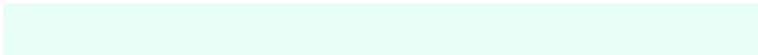
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7937, 96.3352, 89.8316



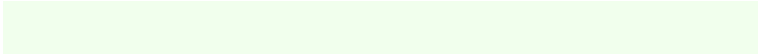
87.3217, 96.3352, 94.1130



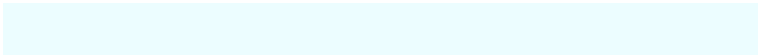
85.9981, 96.3352, 101.4274

Triad

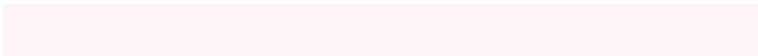
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3217, 96.3352, 94.1130



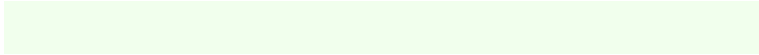
90.3456, 96.3352, 122.0225



97.2087, 96.3352, 99.8727

Complementary

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



87.3217, 96.3352, 94.1130



88.1186, 88.2988, 107.0068

Split Complementary

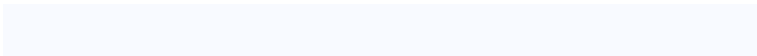
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3644, 96.3352, 108.4360



87.3217, 96.3352, 94.1130



93.3568, 96.3352, 121.5495

Square

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



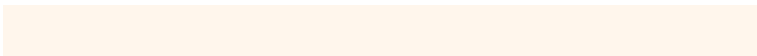
87.3217, 96.3352, 94.1130



87.7181, 96.3352, 117.7244



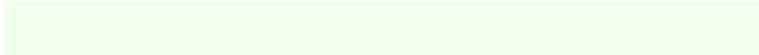
95.9409, 96.3352, 116.4655



95.5202, 96.3352, 93.0289

Rectangle

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



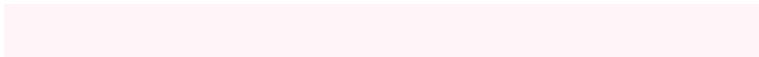
87.3217, 96.3352, 94.1130



85.9255, 96.3352, 107.1822



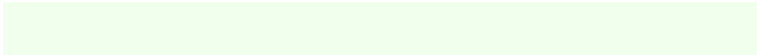
95.9409, 96.3352, 116.4655



97.4434, 96.3352, 102.6359

Sweetspot

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



87.3225, 96.3356, 94.1145



92.7953, 98.9313, 104.5651



90.9612, 96.2443, 93.9051



19.8857, 21.1866, 22.4266



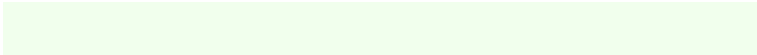
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.3225, 96.3356, 94.1145



86.3393, 95.8690, 92.2486



86.6829, 95.9237, 97.7946



18.1490, 20.3627, 19.1182



19.6608, 37.8736, 6.2741



2.0030, 3.7334, 0.6150

Inverse Universe

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



88.1186, 88.2988, 107.0068



87.2357, 86.8182, 106.7675



88.8115, 88.7442, 103.0559



18.3746, 18.0848, 22.7722



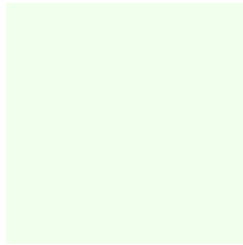
21.7803, 10.1387, 50.2436



2.2133, 1.0349, 4.8964

Previews

White Background



This preview shows how the XYZ color 87.3217, 96.3352, 94.1130 looks on a white background.

Color Contrast Check

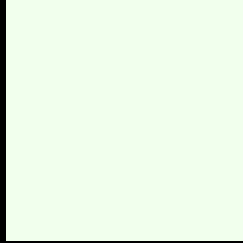
Large Text (above 18pt) WCAG AA × Fail

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 87.3217, 96.3352, 94.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

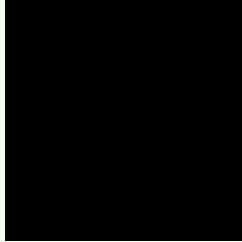
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

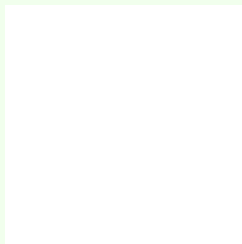
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.3217, 96.3352, 94.1130

Background



This preview shows how black text looks on a background with the XYZ color 87.3217, 96.3352, 94.1130.



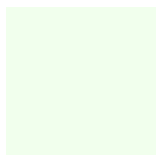
This preview shows how white text looks on a background with the XYZ color 87.3217, 96.3352,

94.1 30.

Color Blindness Simulation

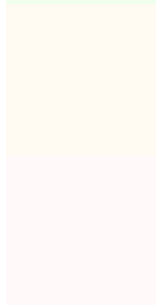
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.3217, 96.3352, 94.1130



Protanopia

91.4526, 96.0420, 97.7223

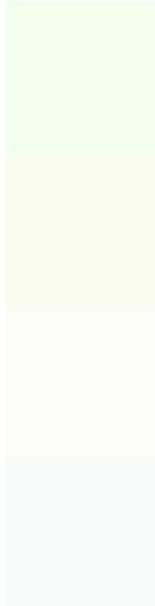
Deuteranopia

92.5245, 96.4708, 103.3667

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

87.3217, 96.3352, 94.1130

Protanomaly

89.9629, 96.2361, 96.2719

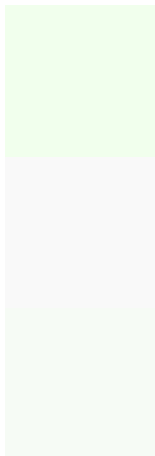
Deuteranomaly

90.7162, 96.5374, 100.2385

Tritanomaly

90.1115, 96.1723, 102.6207

Monochromacy



Original Color

87.3217, 96.3352, 94.1130

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

88.9846, 95.1798, 100.0677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3217, 96.3352, 94.1130 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(241, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 237)  
}
```

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(241, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 87.3217, 96.3352, 94.1130 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(241, 255, 237) }
```


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

```
.border{ border-color:rgb(241, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3217, 96.3352, 94.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 237) }
```

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

```
.background{ background-color: rgb(241,  
255, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor