

Converting Colors

XYZ(87.1518, 96.2365, 94.6044)

Have a look what the booklet for
XYZ(87.1518, 96.2365, 94.6044)
contains.

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Color

**XYZ(87.1278, 96.2183,
94.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFEE
RGB	240, 255, 238
RGB Percent	94%, 100%, 93%
CMY	0.0588, 0.0000, 0.0667
CMYK	0.06, 0.00, 0.07, 0.00
HSL	113°, 100%, 97%
HSV	113°, 7%, 100%
XYZ	87.1278, 96.2183, 94.8688
YIQ	248.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

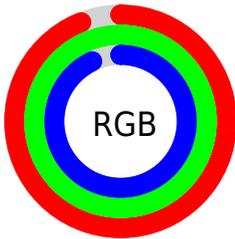
Format	Color
R_{YB}	238, 255, 253
Decimal	15794158
CIE _{Lab}	98.52, -7.91, 6.42
CIE _{LCh}	99, 10.188, 140.908
Yxy	96.2183, 0.3132, 0.3458
Android (android.graphics.Color)	4293984238 (0xFF0FFEE)
YUV	248.5770, -5.2145, -7.5220
Hunter-Lab	98.0909, -13.1092, 11.3212

Details

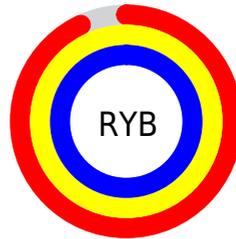
The XYZ color **87.1278, 96.2183, 94.8688** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1332, 89.2529, 107.1374**, and the grayscale version is **89.7384, 94.4117, 102.8144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4047, 53.9559, 52.1193** is the 20% darker color. If you saturate the color by 10%, you get **76.4716, 91.1275, 76.1787**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



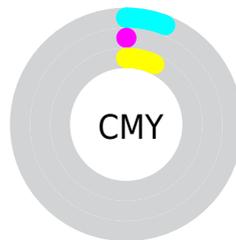
- Red (94%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.1278, 96.2183, 94.8688 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 87.1278, 96.2183, 94.8688 by changing the saturation by 10% instead.

87.1278, 96.2183,
94.8688

87.1278, 96.2183,
94.8688

507.0210,
548.0579, 564.7185

65.9294, 73.1494,
71.4295

142.2410,
155.9467, 156.0774

48.4826, 54.0981,
52.2088

176.8865,
193.3749, 194.6837

34.4220, 38.6801,
36.7881

216.7450,
236.3584, 239.1828

23.3824, 26.5110,
24.7490

262.1820,
285.2814, 289.9932

14.9984, 17.2063,
15.6728

313.5627,
340.5285, 347.5334

8.9046, 10.3817,
9.1411

371.2525,

4.7356, 5.6527,

402.4841, 412.2220

4.7353

435.6168,
471.5324, 484.4775

■ 2.1261, 2.6351,
2.0368

■ 0.7034, 0.9443,
0.5778

■ 87.1278, 96.2183,
94.8688

■ 87.1278, 96.2183,
94.8688

■ 76.4716, 91.1275,
76.1787

95.0500, 100.0000,
108.9000

■ 67.2358, 86.7102,
60.2078

■ 59.3608, 82.9384,
46.8308

■ 52.7819, 79.7817,
35.9108

■ 47.4290, 77.2073,
27.2983

■ 43.2255, 75.1792,
20.8275

■ 40.0858, 73.6574,
16.3108

■ 37.9122, 72.5962,
13.5278

■ 36.5876, 71.9413,
12.2018

Harmonies

Analogous

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



89.4467, 96.2183, 90.3349



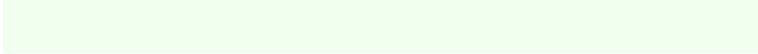
87.1278, 96.2183, 94.8688



85.9745, 96.2183, 102.2238

Triad

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



87.1278, 96.2183, 94.8688



90.5608, 96.2183, 121.6081



96.8448, 96.2183, 99.0839

Complementary

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



87.1278, 96.2183, 94.8688



89.1332, 89.2529, 107.1374

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.



97.1586, 96.2183, 107.3488



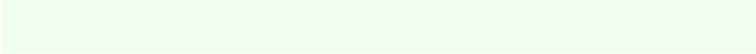
87.1278, 96.2183, 94.8688



93.4883, 96.2183, 120.6562

Square

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



87.1278, 96.2183, 94.8688



87.9284, 96.2183, 117.8626



95.9182, 96.2183, 115.3273



95.0698, 96.2183, 92.6762

Rectangle

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



87.1278, 96.2183, 94.8688



86.0044, 96.2183, 107.8643



95.9182, 96.2183, 115.3273



97.1262, 96.2183, 101.7264

Sweetspot

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



87.1286, 96.2187, 94.8703



92.6034, 98.8323, 104.5561



91.7141, 97.5156, 94.8789



19.8466, 21.1664, 22.4248



0.0000, 0.0000, 0.0000



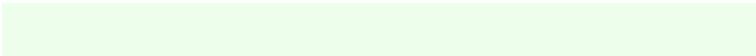
20.3446, 21.4041, 23.3091

Same Dimension

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



87.1286, 96.2187, 94.8703



85.6227, 95.4996, 92.2151



87.3853, 96.2434, 99.7459



17.9700, 20.2704, 19.1098



19.0273, 37.5470, 6.2445



1.9132, 3.6871, 0.6108

Inverse Universe

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



89.1332, 89.2529, 107.1374



88.0065, 87.2155, 106.8036



88.8777, 89.2352, 101.9722



18.5699, 18.1855, 22.7814



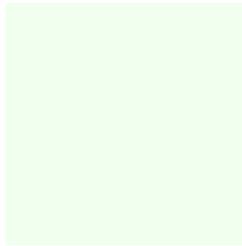
25.7404, 12.1801, 50.4289



2.5632, 1.2153, 4.9128

Previews

White Background



This preview shows how the XYZ color 87.1278, 96.2183, 94.8688 looks on a white background.

Color Contrast Check

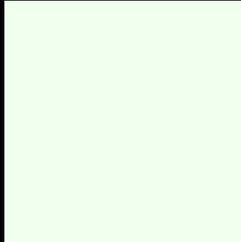
Large Text (above 18pt) WCAG AA × Fail

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 87.1278, 96.2183, 94.8688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

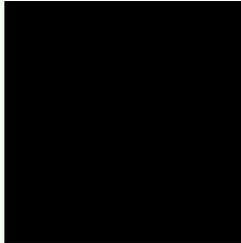
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.1278, 96.2183, 94.8688

Background



This preview shows how black text looks on a background with the XYZ color 87.1278, 96.2183, 94.8688.



This preview shows how white text looks on a background with the XYZ color 87.1278, 96.2183,

94.888.

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

87.1278, 96.2183, 94.8688

Protanopia

91.4526, 96.0420, 97.7223

Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

87.1278, 96.2183, 94.8688

Protanomaly

90.1119, 96.2957, 97.0566

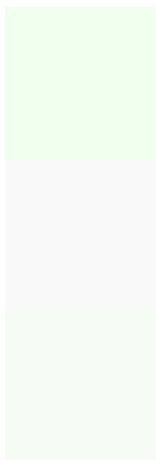
Deuteranomaly

90.4030, 95.9109, 100.1341

Tritanomaly

89.9153, 96.0532, 103.4236

Monochromacy



Original Color

87.1278, 96.2183, 94.8688

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 87.1278, 96.2183, 94.8688 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(240, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 238)  
}
```

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(240, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 87.1278, 96.2183, 94.8688 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(240, 255, 238) }
```

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

```
.border{ border-color:rgb(240, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1278, 96.2183, 94.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 238) }
```

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

```
.background{ background-color: rgb(240,  
255, 238) }
```

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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