

Converting Colors

XYZ(87.7302, 96.4839, 96.9273)

Have a look what the booklet for
XYZ(87.7302, 96.4839, 96.9273)
contains.

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Color

**XYZ(87.9128, 96.5716,
97.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFF1
RGB	241, 255, 241
RGB Percent	95%, 100%, 95%
CMY	0.0549, 0.0000, 0.0549
CMYK	0.05, 0.00, 0.05, 0.00
HSL	120°, 100%, 97%
HSV	120°, 5%, 100%
XYZ	87.9128, 96.5716, 97.2258
YIQ	249.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

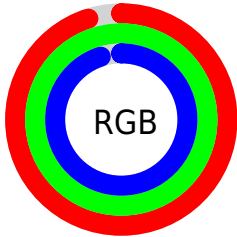
Format	Color
R_{YB}	241, 255, 255
Decimal	15859697
CIE _{Lab}	98.66, -7.06, 5.10
CIE _{LCh}	99, 8.704, 144.161
Yxy	96.5716, 0.3121, 0.3428
Android (android.graphics.Color)	4294049777 (0xFFFF1FFF1)
YUV	249.2180, -4.0515, -7.2072
Hunter-Lab	98.2709, -12.2884, 10.1301

Details

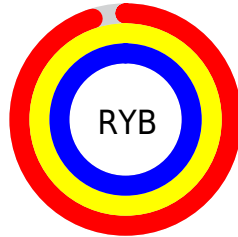
The XYZ color 87.9128, 96.5716, 97.2258 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.7457, 91.3915, 107.4650, and the grayscale version is 90.2558, 94.9561, 103.4072.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.9586, 54.2052, 53.7812 is the 20% darker color. If you saturate the color by 10%, you get 76.2623, 90.9753, 78.1695, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

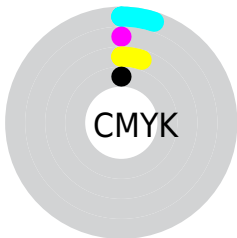
Distribution



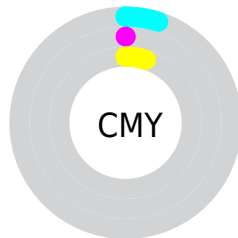
- Red (95%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9128, 96.5716, 97.2258 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 87.9128, 96.5716, 97.2258 by changing the saturation by 10% instead.

87.9128, 96.5716,
97.2258

87.9128, 96.5716,
97.2258

509.5573,
549.1841, 572.4317

66.5814, 73.4437,
73.3818

143.3289,
156.4341, 159.3580

49.0140, 54.3389,
53.7945

178.1443,
193.9374, 198.4833

34.8451, 38.8726,
38.0453

218.1851,
237.0014, 243.5394

23.7096, 26.6607,
25.7158

263.8166,
286.0103, 294.9450

15.2419, 17.3185,
16.3873

315.4043,
341.3487, 353.1184

9.0767, 10.4619,
9.6413

373.3134,

4.8488, 5.7062,

403.4009, 418.4783

5.0593

437.9093,
472.5512, 491.4432

■ 2.1927, 2.6673,
2.2227

■ 0.7389, 0.9606,
0.6875

■ 87.9128, 96.5716,
97.2258

■ 87.9128, 96.5716,
97.2258

■ 76.2623, 90.9753,
78.1695

95.0500, 100.0000,
108.9000

■ 66.2902, 86.1852,
61.8584

■ 57.9200, 82.1646,
48.1674

■ 51.0682, 78.8733,
36.9601

■ 45.6439, 76.2677,
28.0876

■ 41.5463, 74.2994,
21.3851

■ 38.6617, 72.9138,
16.6666

■ 36.8570, 72.0470,
13.7147

■ 35.9681, 71.6200,
12.2605

Harmonies

Analogous

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



89.8177, 96.5716, 92.9800



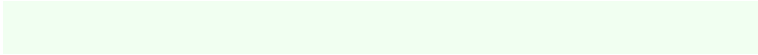
87.9128, 96.5716, 97.2258



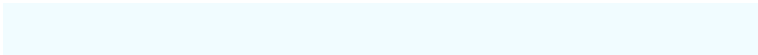
87.0479, 96.5716, 103.7435

Triad

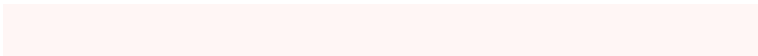
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9128, 96.5716, 97.2258



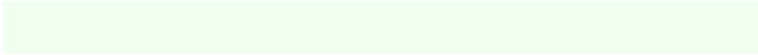
91.2960, 96.5716, 119.5811



96.2847, 96.5716, 99.5670

Complementary

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



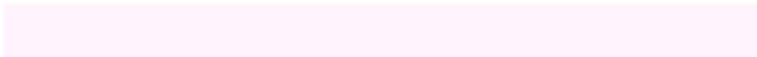
87.9128, 96.5716, 97.2258



90.7457, 91.3915, 107.4650

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.



96.6979, 96.5716, 106.5693



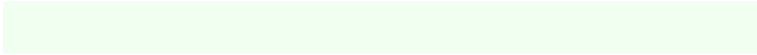
87.9128, 96.5716, 97.2258



93.7878, 96.5716, 118.3383

Square

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



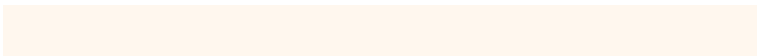
87.9128, 96.5716, 97.2258



88.9781, 96.5716, 116.8162



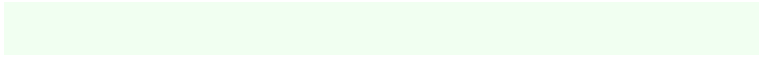
95.7763, 96.5716, 113.4936



94.6573, 96.5716, 94.2877

Rectangle

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



87.9128, 96.5716, 97.2258



87.1660, 96.5716, 108.5848



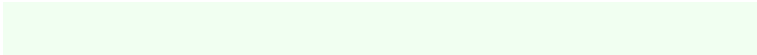
95.7763, 96.5716, 113.4936



96.5714, 96.5716, 101.7885

Sweetspot

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



87.9136, 96.5720, 97.2273



92.3882, 98.7214, 104.5461



92.8774, 99.1310, 97.4594



19.8027, 21.1438, 22.4228



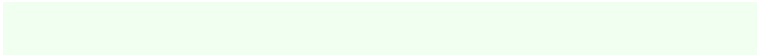
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.9136, 96.5720, 97.2273



86.0432, 95.6736, 94.1679



88.9796, 96.9984, 102.8404



18.2592, 20.4024, 19.8980



18.6854, 37.3708, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



90.7457, 91.3915, 107.4650



89.6176, 89.1352, 107.0889



89.6392, 90.9489, 101.6380



19.0868, 18.8885, 22.8897



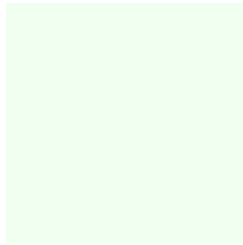
30.9799, 14.8812, 50.6719



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 87.9128, 96.5716, 97.2258 looks on a white background.

Color Contrast Check

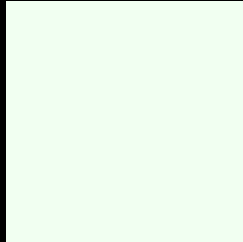
Large Text (above 18pt) WCAG AA × Fail

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 87.9128, 96.5716, 97.2258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

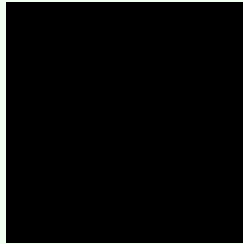
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

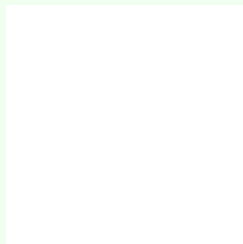
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9128, 96.5716, 97.2258

Background



This preview shows how black text looks on a background with the XYZ color 87.9128, 96.5716, 97.2258.



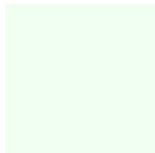
This preview shows how white text looks on a background with the XYZ color 87.9128, 96.5716,

97.2 58.

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

87.9128, 96.5716, 97.2258



Protanopia

91.7547, 96.1629, 99.3132

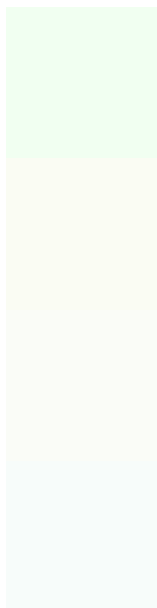
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

87.9128, 96.5716, 97.2258

Protanomaly

90.4124, 96.4159, 98.6389

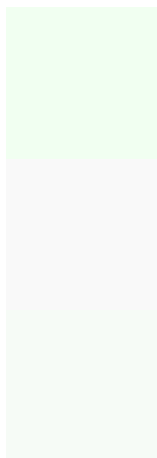
Deuteranomaly

91.0232, 96.6602, 101.8555

Tritanomaly

90.4235, 96.2971, 104.2638

Monochromacy



Original Color

87.9128, 96.5716, 97.2258

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.1378, 95.2410, 100.8741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9128, 96.5716, 97.2258 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, 241)` looks like.

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

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, 241) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 87.9128, 96.5716, 97.2258 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, 241) }
```


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

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

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, 241)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 87.9128, 96.5716, 97.2258 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, 241) }
```

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

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

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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