

Converting Colors

XYZ(87.4146, 93.6065,
108.0684)

Have a look what the booklet for
XYZ(87.4146, 93.6065, 108.0684)
contains.

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Color

**XYZ(87.4955, 93.7684,
108.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFAFF
RGB	238, 250, 255
RGB Percent	93%, 98%, 100%
CMY	0.0667, 0.0196, 0.0000
CMYK	0.07, 0.02, 0.00, 0.00
HSL	198°, 100%, 97%
HSV	198°, 7%, 100%
XYZ	87.4955, 93.7684, 108.0953
YIQ	246.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

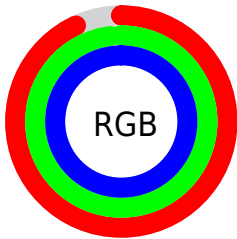
Format	Color
R _{YB}	238, 245, 255
Decimal	15661823
CIE Lab	97.54, -3.00, -3.76
CIE LCh	98, 4.810, 231.425
Yxy	93.7684, 0.3024, 0.3241
Android (android.graphics.Color)	4293851903 (0xFFEEFAFF)
YUV	246.9820, 3.9529, -7.8772
Hunter-Lab	96.8341, -8.1740, 1.5988

Details

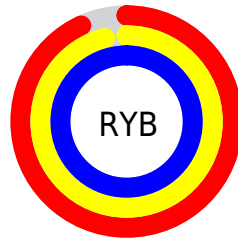
The XYZ color **87.4955, 93.7684, 108.0953** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7223, 91.5320, 93.8817**, and the grayscale version is **88.3696, 92.9717, 101.2462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7762, 52.6059, 61.0092** is the 20% darker color. If you saturate the color by 10%, you get **77.2515, 85.1022, 106.9625**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

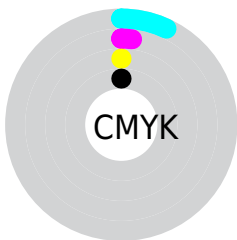
Distribution



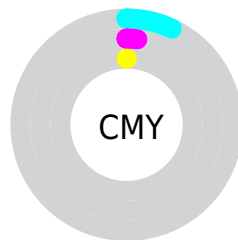
- Red (93%)
- Green (98%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4955, 93.7684, 108.0953 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 87.4955, 93.7684, 108.0953 by changing the saturation by 10% instead.

87.4955, 93.7684,
108.0953

87.4955, 93.7684,
108.0953

508.2098,
540.2146, 607.3137

66.2347, 71.1103,
82.4238

142.7507,
152.5620, 174.3869

48.7314, 52.4322,
61.1771

177.4759,
189.4663, 215.8440

34.6201, 37.3497,
43.9366

217.4198,
231.8882, 263.4001

23.5355, 25.4784,
30.2838

262.9480,
280.2120, 317.4737

15.1123, 16.4338,
19.8003

314.4258,
334.8222, 378.4833

8.9851, 9.8317,
12.0673

372.2184,

4.7885, 5.2875,

396.1031, 446.8475

6.6664

436.6913,
464.4391, 522.9848

■ 2.1572, 2.4169,
3.1791

■ 0.7200, 0.8346,
1.1868

■ 87.4955, 93.7684,
108.0953

■ 87.4955, 93.7684,
108.0953

■ 77.2515, 85.1022,
106.9625

95.0500, 100.0000,
108.9000

■ 68.2584, 77.2139,
105.9139

■ 60.4633, 70.0774,
104.9473

■ 53.8065, 63.6602,
104.0595

■ 48.2229, 57.9270,
103.2472

■ 43.6403, 52.8391,
102.5066

■ 39.9772, 48.3526,
101.8337

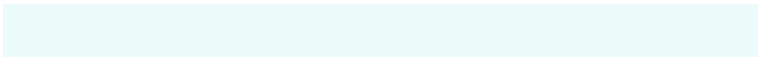
■ 37.1379, 44.4165,
101.2236

■ 35.0025, 40.9671,
100.6704

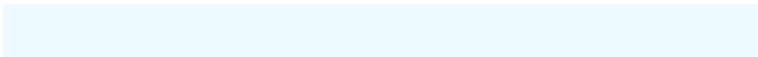
Harmonies

Analogous

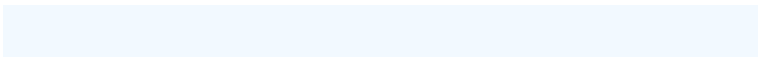
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7001, 93.7684, 104.8717



87.4955, 93.7684, 108.0953



88.7328, 93.7684, 109.7219

Triad

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



87.4955, 93.7684, 108.0953



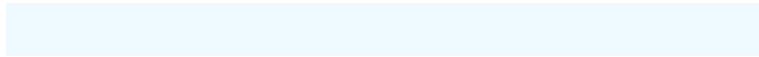
91.7479, 93.7684, 103.2241



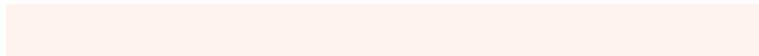
88.1676, 93.7684, 95.2510

Complementary

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



87.4955, 93.7684, 108.0953



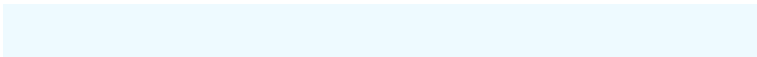
88.7223, 91.5320, 93.8817

Split Complementary

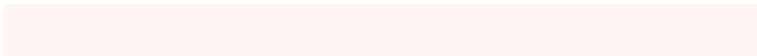
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5165, 93.7684, 94.8354



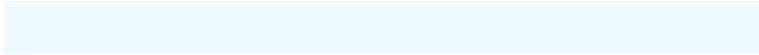
87.4955, 93.7684, 108.0953



91.5928, 93.7684, 99.3734

Square

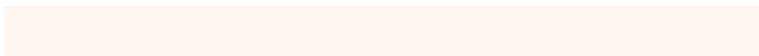
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



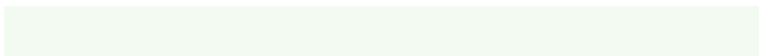
87.4955, 93.7684, 108.0953



91.1943, 93.7684, 106.8629



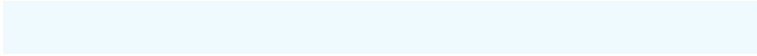
90.7727, 93.7684, 96.3264



87.0854, 93.7684, 97.4766

Rectangle

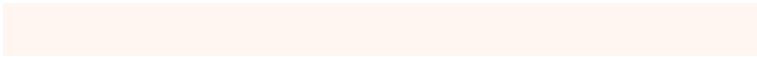
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.4955, 93.7684, 108.0953



89.6456, 93.7684, 109.6538



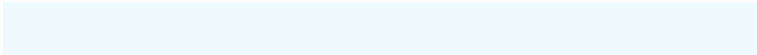
90.7727, 93.7684, 96.3264



88.6045, 93.7684, 94.8973

Sweetspot

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



87.4979, 93.7723, 108.0960



92.7223, 98.0932, 108.6546



87.1707, 96.1575, 98.6159



19.8708, 21.0160, 23.2591



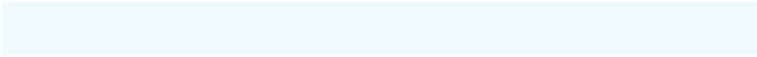
0.0000, 0.0000, 0.0000



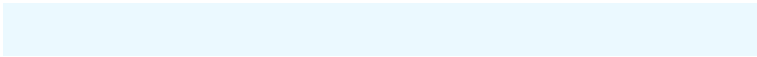
20.3446, 21.4041, 23.3091

Same Dimension

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



87.4979, 93.7723, 108.0960



86.0566, 92.5694, 107.9397



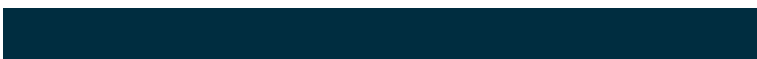
84.9689, 88.7143, 107.2530



18.0777, 19.5270, 23.0662



18.1036, 21.1168, 52.5564



1.8574, 2.2456, 5.1488

Inverse Universe

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



89.0713, 89.3127, 102.9917



87.9338, 87.2878, 101.8412



91.2692, 96.6258, 94.7306



18.5519, 18.2041, 21.5232



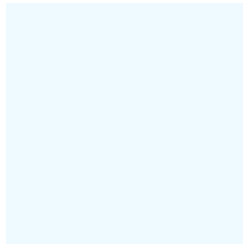
25.9261, 12.8597, 24.0589



2.5722, 1.2712, 2.5944

Previews

White Background



This preview shows how the XYZ color 87.4955, 93.7684, 108.0953 looks on a white background.

Color Contrast Check

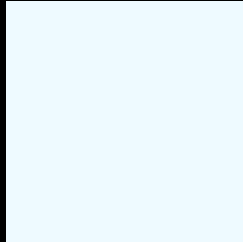
Large Text (above 18pt) WCAG AA × Fail

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 87.4955, 93.7684, 108.0953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

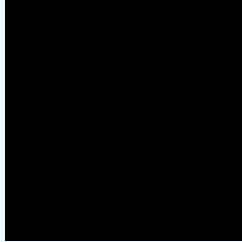
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

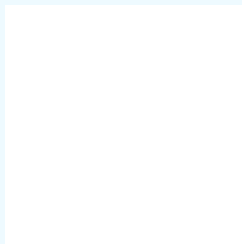
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4955, 93.7684, 108.0953

Background



This preview shows how black text looks on a background with the XYZ color 87.4955, 93.7684, 108.0953.

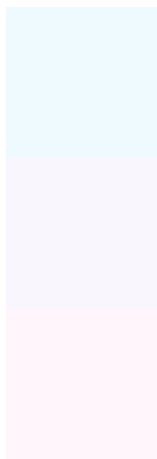


This preview shows how white text looks on a background with the XYZ color 87.4955, 93.7684,

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

87.4955, 93.7684, 108.0953

Protanopia

90.1097, 93.3274, 106.1932

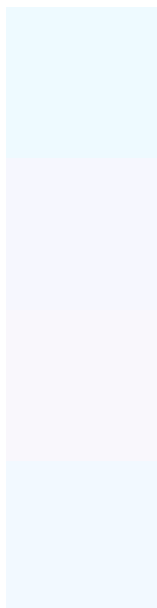
Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

89.2736, 93.7673, 108.0014

Trichromacy



Original Color

87.4955, 93.7684, 108.0953

Protanomaly

89.1562, 93.2701, 107.0698

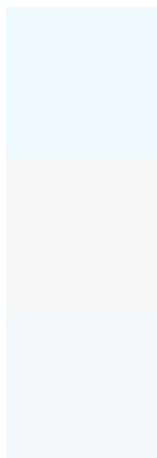
Deuteranomaly

89.8984, 93.6895, 105.4412

Tritanomaly

88.5436, 93.8486, 108.0556

Monochromacy



Original Color

87.4955, 93.7684, 108.0953

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.1309, 93.2700, 103.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4955, 93.7684, 108.0953 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(238, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 250, 255)  
}
```

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(238, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.4955, 93.7684, 108.0953 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(238, 250, 255) }
```


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

```
.border{ border-color:rgb(238, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4955, 93.7684, 108.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 250, 255) }
```

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

```
.background{ background-color: rgb(238,  
250, 255) }
```

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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