

Converting Colors

XYZ(88.1928, 94.2453, 99.7953)

Have a look what the booklet for
XYZ(88.1928, 94.2453, 99.7953)
contains.

XYZ(88.3232, 94.3763, 99.9475)	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(88.3232, 94.3763,
99.9475)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FAF5
RGB	245, 250, 245
RGB Percent	96%, 98%, 96%
CMY	0.0392, 0.0196, 0.0392
CMYK	0.02, 0.00, 0.02, 0.02
HSL	120°, 33%, 97%
HSV	120°, 2%, 98%
XYZ	88.3232, 94.3763, 99.9475
YIQ	247.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

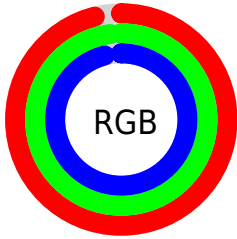
Format	Color
R _{YB}	245, 250, 250
Decimal	16120565
CIE Lab	97.78, -2.53, 1.81
CIE LCh	98, 3.105, 144.429
Yxy	94.3763, 0.3125, 0.3339
Android (android.graphics.Color)	4294310645 (0xFF5FAF5)
YUV	247.9350, -1.4470, -2.5740
Hunter-Lab	97.1475, -7.7219, 7.0043

Details

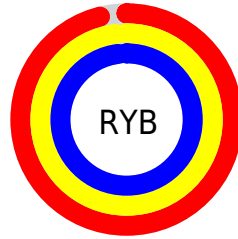
The XYZ color 88.3232, 94.3763, 99.9475 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3355, 92.5333, 103.5994, and the grayscale version is 89.1846, 93.8292, 102.1800.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4634, 53.0765, 55.7819 is the 20% darker color. If you saturate the color by 10%, you get 76.6215, 88.7582, 80.8056, and if you desaturate by 10%, it is 93.4775, 96.8549, 108.3758.

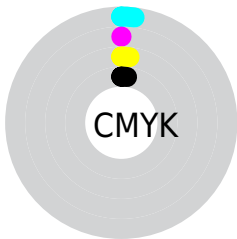
Distribution



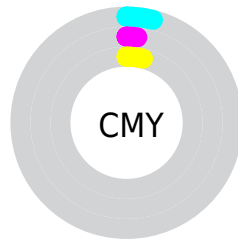
- Red (96%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3232, 94.3763, 99.9475 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 88.3232, 94.3763, 99.9475 by changing the saturation by 10% instead.

88.3232, 94.3763,
99.9475

88.3232, 94.3763,
99.9475

510.8806,
542.1663, 581.2696

66.9224, 71.6160,
75.6401

143.8973,
153.4027, 163.1363

49.2921, 52.8450,
55.6325

178.8013,
190.4375, 202.8547

35.0667, 37.6791,
39.5063

218.9371,
232.9993, 248.5472

23.8810, 25.7337,
26.8430

264.6701,
281.4724, 300.6323

15.3696, 16.6245,
17.2240

316.3656,
336.2413, 359.5285

9.1672, 9.9672,
10.2307

374.3889,

4.9084, 5.3772,

397.6903, 425.6545

5.4446

439.1055,
466.2039, 499.4286

■ 2.2278, 2.4702,
2.4471

■ 0.7573, 0.8617,
0.8119

■ 88.3232, 94.3763,
99.9475

■ 88.3232, 94.3763,
99.9475

■ 76.6215, 88.7582,
80.8056

■ 93.4775, 96.8549,
108.3758

■ 66.5439, 83.9174,
64.3223

■ 58.0211, 79.8234,
50.3818

■ 50.9756, 76.4391,
38.8578

■ 45.3235, 73.7241,
29.6127

■ 40.9724, 71.6341,
22.4955

■ 37.8188, 70.1192,
17.3368

■ 35.7433, 69.1223,
13.9416

■ 34.6022, 68.5742,
12.0747

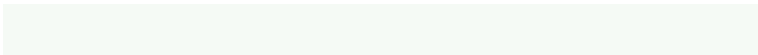
Harmonies

Analogous

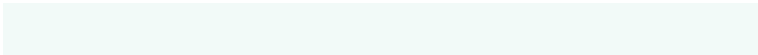
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9991, 94.3763, 98.3811



88.3232, 94.3763, 99.9475



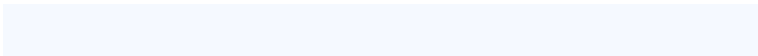
88.0169, 94.3763, 102.2868

Triad

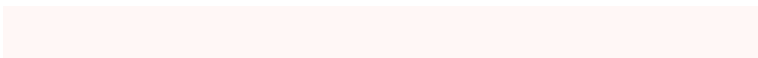
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3232, 94.3763, 99.9475



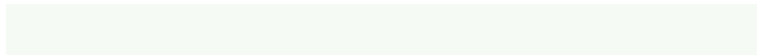
89.5366, 94.3763, 107.6928



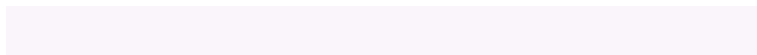
91.2620, 94.3763, 100.7551

Complementary

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



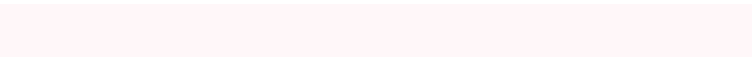
88.3232, 94.3763, 99.9475



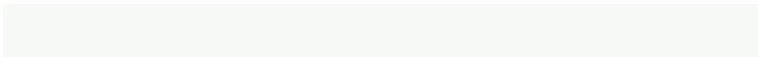
89.3355, 92.5333, 103.5994

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.



91.4082, 94.3763, 103.2341



88.3232, 94.3763, 99.9475



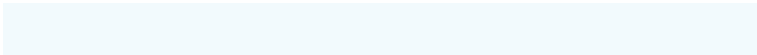
90.4083, 94.3763, 107.2665

Square

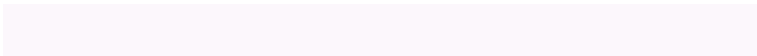
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



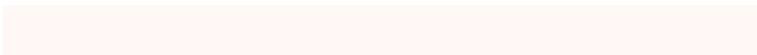
88.3232, 94.3763, 99.9475



88.7144, 94.3763, 106.7798



91.0948, 94.3763, 105.6243



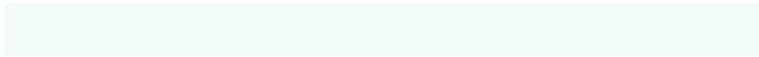
90.6965, 94.3763, 98.8419

Rectangle

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



88.3232, 94.3763, 99.9475



88.0620, 94.3763, 103.9803



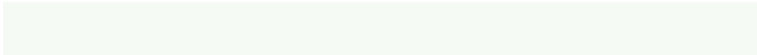
91.0948, 94.3763, 105.6243



91.3619, 94.3763, 101.5487

Sweetspot

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



88.3259, 94.3804, 99.9496



93.7102, 99.3564, 106.7086



90.0956, 95.2927, 100.0321



20.0720, 21.2731, 22.8631



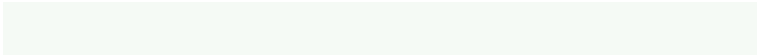
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

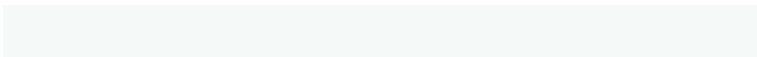
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3259, 94.3804, 99.9496



92.3882, 98.7214, 104.5463



88.7105, 94.5342, 101.9752



18.9582, 20.2415, 21.4671



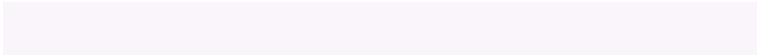
18.1332, 36.2663, 6.0447



1.6795, 3.3589, 0.5599

Inverse Universe

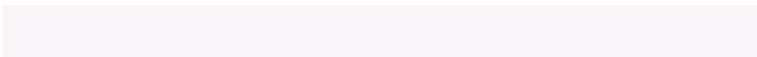
The Inverse Universe completely reimagines the original color for something new.



89.3355, 92.5333, 103.5994



93.4445, 96.7891, 108.3646



88.9457, 92.3773, 101.5465



19.1637, 19.8657, 22.2097



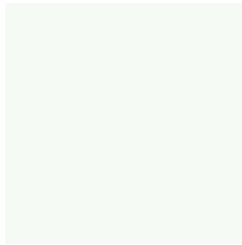
30.0635, 14.4411, 49.1700



2.7844, 1.3375, 4.5541

Previews

White Background



This preview shows how the XYZ color 88.3232, 94.3763, 99.9475 looks on a white background.

Color Contrast Check

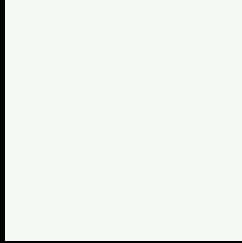
Large Text (above 18pt) WCAG AA × Fail

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 88.3232, 94.3763, 99.9475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

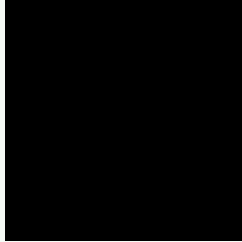
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

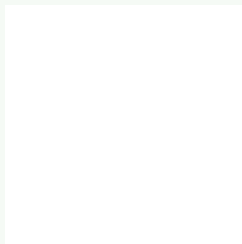
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3232, 94.3763, 99.9475

Background



This preview shows how black text looks on a background with the XYZ color 88.3232, 94.3763, 99.9475.



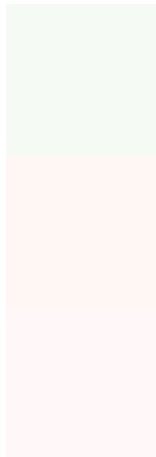
This preview shows how white text looks on a background with the XYZ color 88.3232, 94.3763,

99.975.

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

88.3232, 94.3763, 99.9475

Protanopia

90.3115, 94.0634, 98.1902

Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

88.3232, 94.3763, 99.9475

Protanomaly

89.6802, 94.1757, 99.0390

Deuteranomaly

90.1396, 94.3594, 101.4580

Tritanomaly

89.6460, 94.4906, 104.7804

Monochromacy



Original Color

88.3232, 94.3763, 99.9475

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0220, 94.2409, 101.4940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3232, 94.3763, 99.9475 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(245, 250, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 245)  
}
```

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(245, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.3232, 94.3763, 99.9475 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(245, 250, 245) }
```


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

```
.border{ border-color:rgb(245, 250, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3232, 94.3763, 99.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 245) }
```

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

```
.background{ background-color: rgb(245,  
250, 245) }
```

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