

Converting Colors

XYZ(88.5009, 93.3151,
100.1848)

Have a look what the booklet for
XYZ(88.5009, 93.3151, 100.1848)
contains.

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Color

**XYZ(88.5597, 93.5628,
100.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F8F6
RGB	247, 248, 246
RGB Percent	97%, 97%, 96%
CMY	0.0314, 0.0274, 0.0353
CMYK	0.00, 0.00, 0.01, 0.03
HSL	90°, 13%, 97%
HSV	90°, 1%, 97%
XYZ	88.5597, 93.5628, 100.5806
YIQ	247.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

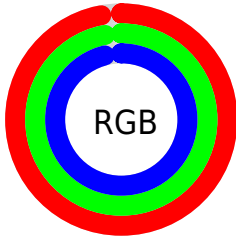
Format	Color
R_{YB}	246, 248, 247
Decimal	16251126
CIE _{Lab}	97.46, -0.68, 0.83
CIE _{LCh}	97, 1.072, 129.166
Yxy	93.5628, 0.3133, 0.3310
Android (android.graphics.Color)	4294441206 (0xFF7F8F6)
YUV	247.4730, -0.7262, -0.4148
Hunter-Lab	96.7279, -5.8472, 6.0579

Details

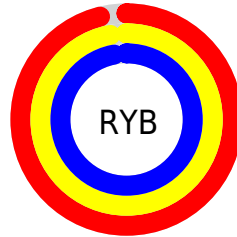
The XYZ color 88.5597, 93.5628, 100.5806 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2605, 92.4656, 102.0076, and the grayscale version is 88.8011, 93.4257, 101.7405.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6298, 52.4933, 56.2317 is the 20% darker color. If you saturate the color by 10%, you get 80.7669, 89.9590, 81.6542, and if you desaturate by 10%, it is 92.8592, 95.6185, 108.1697.

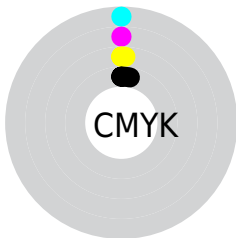
Distribution



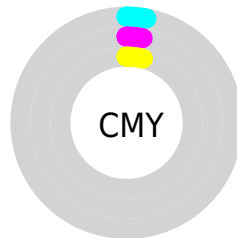
- Red (97%)
- Green (97%)
- Blue (96%)



- Red (96%)
- Yellow (97%)
- Blue (97%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5597, 93.5628, 100.5806 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 88.5597, 93.5628, 100.5806 by changing the saturation by 10% instead.

88.5597, 93.5628,
100.5806

88.5597, 93.5628,
100.5806

511.6424,
539.5536, 583.3151

67.1190, 70.9394,
76.1659

144.2247,
152.2776, 164.0137

49.4524, 52.2927,
56.0611

179.1797,
189.1377, 203.8691

35.1945, 37.2385,
39.8476

219.3702,
231.5122, 249.7086

23.9800, 25.3922,
27.1069

265.1615,
279.7854, 301.9506

15.4434, 16.3695,
17.4203

316.9190,
334.3417, 361.0138

9.2195, 9.7860,
10.3695

375.0081,

4.9429, 5.2573,

395.5656, 427.3165

5.5358

439.7941,
463.8415, 501.2775

■ 2.2482, 2.3990,
2.5008

■ 0.7680, 0.8254,
0.8406

■ 88.5597, 93.5628,
100.5806

■ 88.5597, 93.5628,
100.5806

■ 80.7669, 89.9590,
81.6542

■ 92.8592, 95.6185,
108.1697

■ 73.7464, 86.6943,
65.3107

■ 67.4737, 83.7611,
51.4399

■ 61.9199, 81.1472,
39.9207

■ 57.0541, 78.8396,
30.6224

■ 52.8424, 76.8238,
23.4012

■ 49.2478, 75.0844,
18.0962

■ 46.2284, 73.6038,
14.5234

■ 43.7350, 72.3615,
12.4620

Harmonies

Analogous

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



88.8355, 93.5628, 100.2290



88.5597, 93.5628, 100.5806



88.3830, 93.5628, 101.2793

Triad

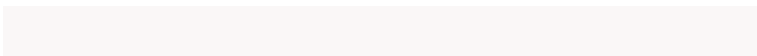
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5597, 93.5628, 100.5806



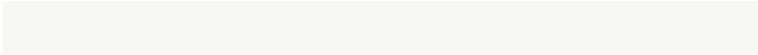
88.7207, 93.5628, 103.4478



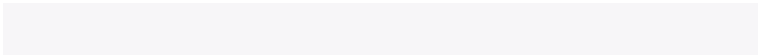
89.5074, 93.5628, 101.6074

Complementary

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



88.5597, 93.5628, 100.5806



88.2605, 92.4656, 102.0076

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.



89.4765, 93.5628, 102.4710



88.5597, 93.5628, 100.5806



89.0218, 93.5628, 103.5369

Square

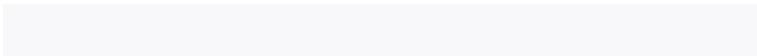
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



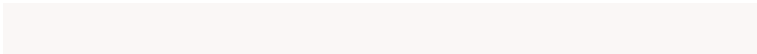
88.5597, 93.5628, 100.5806



88.4759, 93.5628, 102.9357



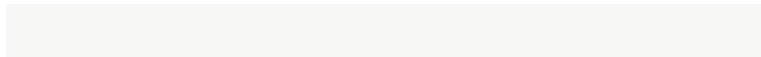
89.2986, 93.5628, 103.1784



89.3829, 93.5628, 100.8196

Rectangle

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



88.5597, 93.5628, 100.5806



88.3450, 93.5628, 101.8496



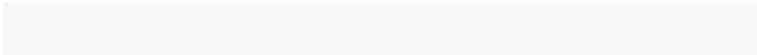
89.2986, 93.5628, 103.1784



89.5148, 93.5628, 101.8984

Sweetspot

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



88.5623, 93.5668, 100.5826

95.0500, 100.0000, 108.9000



88.6103, 93.1354, 100.4968



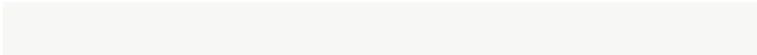
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

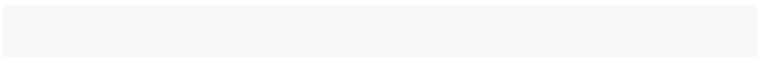
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5623, 93.5668, 100.5826



94.1735, 99.5953, 106.7301



88.2107, 93.3855, 100.5662



19.3055, 20.4115, 21.8919



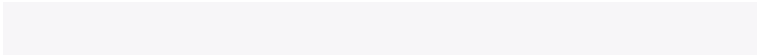
22.7621, 38.6526, 6.2610



2.2304, 3.6429, 0.5856

Inverse Universe

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



88.2605, 92.4656, 102.0076



93.7755, 98.1433, 108.6088



88.6140, 92.6478, 102.0241



19.2281, 20.1292, 22.2572



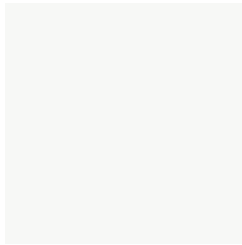
13.8280, 6.0713, 48.4166



1.4030, 0.6253, 4.4899

Previews

White Background



This preview shows how the XYZ color 88.5597, 93.5628, 100.5806 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 88.5597, 93.5628, 100.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

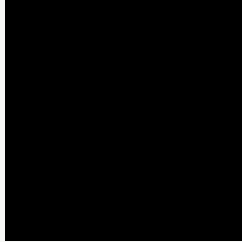
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

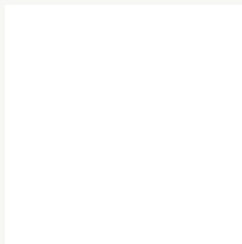
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5597, 93.5628, 100.5806

Background



This preview shows how black text looks on a background with the XYZ color 88.5597, 93.5628, 100.5806.



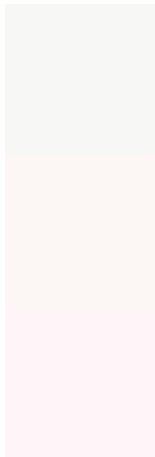
This preview shows how white text looks on a background with the XYZ color 88.5597, 93.5628,

100.5306.

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

88.5597, 93.5628, 100.5806

Protanopia

89.5821, 93.1996, 99.6540

Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

90.3777, 93.8813, 107.9652

Trichromacy



Original Color

88.5597, 93.5628, 100.5806

Protanomaly

89.1665, 93.4381, 99.7220

Deuteranomaly

89.8892, 93.3224, 101.2710

Tritanomaly

89.5429, 93.5063, 105.4246

Monochromacy



Original Color

88.5597, 93.5628, 100.5806

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4070, 93.0111, 101.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5597, 93.5628, 100.5806 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(247, 248, 246) looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 246)  
}
```

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(247, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 246) }
```

Border

The CSS property to change the border of an element to XYZ 88.5597, 93.5628, 100.5806 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(247, 248, 246) }
```

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

```
.border{ border-color:rgb(247, 248, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 248, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
246) }
```


Background

The CSS property to change the background color of an element to XYZ 88.5597, 93.5628, 100.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 246) }
```

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

```
.background{ background-color: rgb(247,  
248, 246) }
```

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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