

Converting Colors

XYZ(88.6643, 93.3005,
102.9204)

Have a look what the booklet for
XYZ(88.6643, 93.3005, 102.9204)
contains.

XYZ(88.7174, 93.1352, 102.9235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(88.7174, 93.1352,
102.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F9
RGB	247, 247, 249
RGB Percent	97%, 97%, 98%
CMY	0.0314, 0.0313, 0.0235
CMYK	0.01, 0.01, 0.00, 0.02
HSL	240°, 14%, 97%
HSV	240°, 1%, 98%
XYZ	88.7174, 93.1352, 102.9235
YIQ	247.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

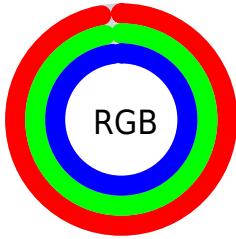
Format	Color
R _Y B	247, 247, 249
Decimal	16250873
CIE Lab	97.28, 0.36, -0.97
CIE LCh	97, 1.032, 290.330
Yxy	93.1352, 0.3115, 0.3270
Android (android.graphics.Color)	4294440953 (0xFF7F7F9)
YUV	247.2280, 0.8736, -0.2000
Hunter-Lab	96.5066, -4.7935, 4.3223

Details

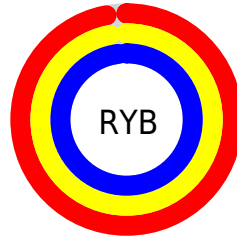
The XYZ color 88.7174, 93.1352, 102.9235 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.7312, 94.6054, 101.5284, and the grayscale version is 88.5893, 93.2029, 101.4979.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7423, 52.1882, 57.9037 is the 20% darker color. If you saturate the color by 10%, you get 73.4174, 74.7112, 100.1751, and if you desaturate by 10%, it is 94.0991, 99.6197, 103.8929.

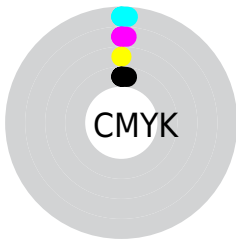
Distribution



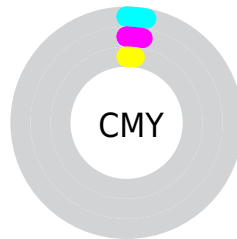
- Red (97%)
- Green (97%)
- Blue (98%)



- Red (97%)
- Yellow (97%)
- Blue (98%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7174, 93.1352, 102.9235 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 88.7174, 93.1352, 102.9235 by changing the saturation by 10% instead.

88.7174, 93.1352,
102.9235

88.7174, 93.1352,
102.9235

512.1500,
538.1776, 590.8521

67.2501, 70.5839,
78.1139

144.4429,
151.6858, 167.2558

49.5594, 52.0027,
57.6505

179.4319,
188.4538, 207.6155

35.2798, 37.0072,
41.1149

219.6588,
230.7296, 253.9957

24.0460, 25.2131,
28.0885

265.4891,
278.8974, 306.8148

15.4927, 16.2359,
18.1528

317.2879,
333.3418, 366.4915

9.2544, 9.6912,
10.8891

375.4208,

4.9659, 5.1947,

394.4470, 433.4443

5.8791

440.2531,
462.5975, 508.0916

■ 2.2618, 2.3620,
2.7041

■ 0.7750, 0.8062,
0.9455

■ 88.7174, 93.1352,
102.9235

■ 88.7174, 93.1352,
102.9235

■ 73.4174, 74.7112,
100.1751

■ 94.0991, 99.6197,
103.8929

■ 60.2141, 58.8097,
97.8017

■ 49.0187, 45.3246,
95.7889

■ 39.7327, 34.1376,
94.1190

■ 32.2497, 25.1207,
92.7730

■ 26.4527, 18.1332,
91.7298

■ 22.2109, 13.0179,
90.9660

■ 19.3744, 9.5947,
90.4547

■ 17.7639, 7.6481,
90.1639

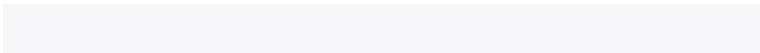
Harmonies

Analogous

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



88.4280, 93.1352, 103.0016



88.7174, 93.1352, 102.9235



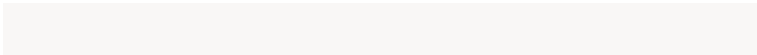
88.9550, 93.1352, 102.4382

Triad

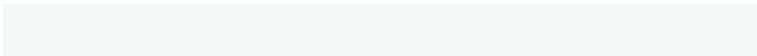
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7174, 93.1352, 102.9235



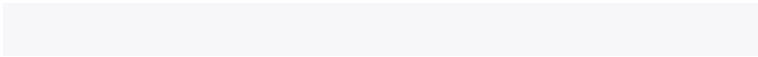
88.8811, 93.1352, 100.1759



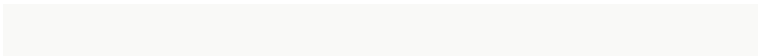
87.9700, 93.1352, 101.1386

Complementary

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



88.7174, 93.1352, 102.9235



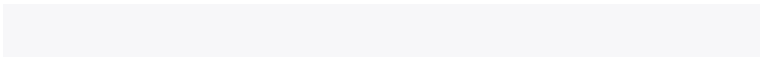
89.7312, 94.6054, 101.5284

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.



88.0908, 93.1352, 100.3855



88.7174, 93.1352, 102.9235



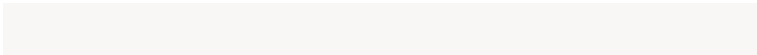
88.6165, 93.1352, 99.8317

Square

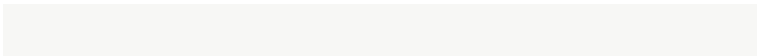
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7174, 93.1352, 102.9235



89.0497, 93.1352, 100.8508



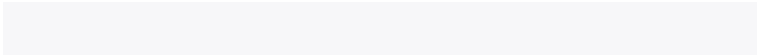
88.3273, 93.1352, 99.9082



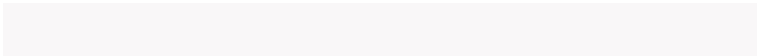
87.9968, 93.1352, 101.9680

Rectangle

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



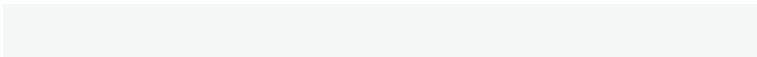
88.7174, 93.1352, 102.9235



89.0519, 93.1352, 101.9505



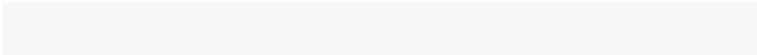
88.3273, 93.1352, 99.9082



87.9946, 93.1352, 100.8682

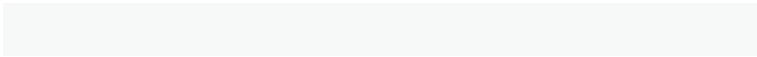
Sweetspot

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



88.7200, 93.1392, 102.9255

95.0500, 100.0000, 108.9000



89.3285, 94.3645, 103.1027



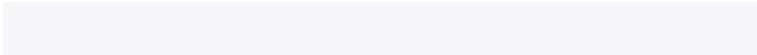
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

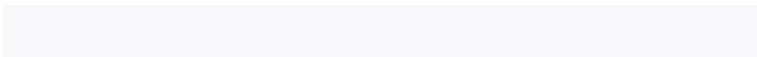
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7200, 93.1392, 102.9255



93.3116, 97.9067, 108.5876



89.0606, 93.3129, 102.9411



19.1379, 20.0832, 22.2531



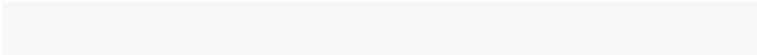
9.1570, 3.6695, 48.1992



0.8491, 0.3418, 4.4644

Inverse Universe

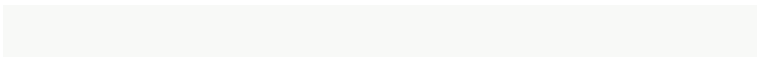
The Inverse Universe completely reimagines the original color for something new.



89.1182, 93.3784, 101.3272



93.8348, 98.2210, 106.4871



89.3888, 94.4308, 101.5127



19.2397, 20.1443, 21.8447



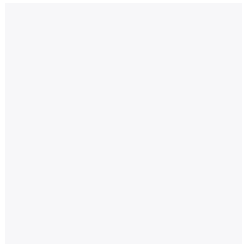
20.9140, 10.7813, 0.9899



1.9375, 0.9987, 0.0943

Previews

White Background



This preview shows how the XYZ color 88.7174, 93.1352, 102.9235 looks on a white background.

Color Contrast Check

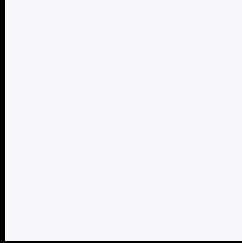
Large Text (above 18pt) WCAG AA × Fail

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 88.7174, 93.1352, 102.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

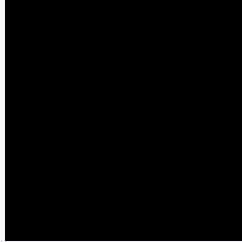
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

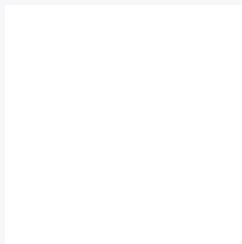
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7174, 93.1352, 102.9235

Background



This preview shows how black text looks on a background with the XYZ color 88.7174, 93.1352, 102.9235.



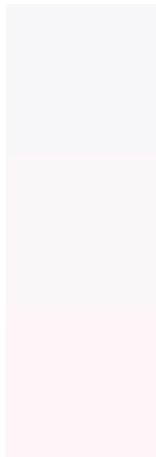
This preview shows how white text looks on a background with the XYZ color 88.7174, 93.1352,

102.9235.

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

88.7174, 93.1352, 102.9235

Protanopia

89.6827, 93.1981, 102.0692

Deuteranopia

90.5340, 92.7387, 101.9356

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



Original Color

88.7174, 93.1352, 102.9235

Protanomaly

89.3234, 93.0128, 102.0524

Deuteranomaly

89.7406, 92.7776, 101.9850

Tritanomaly

89.3968, 92.9598, 106.1598

Monochromacy



Original Color

88.7174, 93.1352, 102.9235

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.5618, 93.0730, 102.1041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7174, 93.1352, 102.9235 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, 247, 249) looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 249)  
}
```

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, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.7174, 93.1352, 102.9235 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, 247, 249) }
```

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

```
.border{ border-color:rgb(247, 247, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
249) }
```


Background

The CSS property to change the background color of an element to XYZ 88.7174, 93.1352, 102.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 249) }
```

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

```
.background{ background-color: rgb(247,  
247, 249) }
```

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