

Converting Colors

XYZ(87.8138, 92.9509,
102.9960)

Have a look what the booklet for
XYZ(87.8138, 92.9509, 102.9960)
contains.

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Color

**XYZ(87.9745, 93.2075,
102.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F8F9
RGB	244, 248, 249
RGB Percent	96%, 97%, 98%
CMY	0.0431, 0.0274, 0.0235
CMYK	0.02, 0.00, 0.00, 0.02
HSL	192°, 29%, 97%
HSV	192°, 2%, 98%
XYZ	87.9745, 93.2075, 102.9766
YIQ	246.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

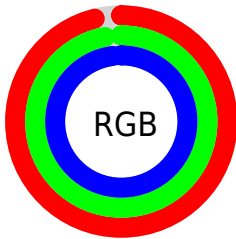
Format	Color
RYB	244, 246, 249
Decimal	16054521
CIELab	97.31, -1.14, -0.95
CIElCh	97, 1.481, 219.951
Yxy	93.2075, 0.3096, 0.3280
Android (android.graphics.Color)	4294244601 (0xFF4F8F9)
YUV	246.9180, 1.0264, -2.5591
Hunter-Lab	96.5440, -6.2962, 4.3404

Details

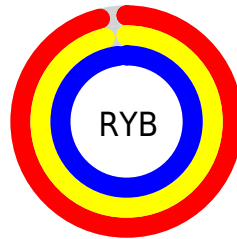
The XYZ color **87.9745, 93.2075, 102.9766** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.0485, 91.9750, 98.7015**, and the grayscale version is **88.3373, 92.9377, 101.2091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2143, 52.2409, 57.9417** is the 20% darker color. If you saturate the color by 10%, you get **78.4078, 86.0448, 102.0997**, and if you desaturate by 10%, it is **93.4533, 98.3280, 103.6776**.

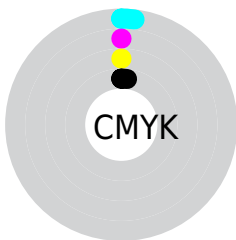
Distribution



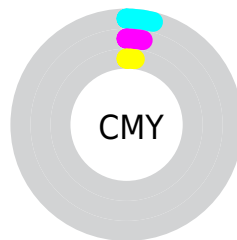
- Red (96%)
- Green (97%)
- Blue (98%)



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



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



- Cyan (4%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9745, 93.2075, 102.9766 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 87.9745, 93.2075, 102.9766 by changing the saturation by 10% instead.

87.9745, 93.2075,
102.9766

87.9745, 93.2075,
102.9766

509.7564,
538.4104, 591.0223

66.6327, 70.6440,
78.1580

143.4144,
151.7859, 167.3292

49.0558, 52.0517,
57.6866

178.2431,
188.5695, 207.7003

34.8784, 37.0463,
41.1437

218.2982,
230.8619, 254.0926

23.7353, 25.2433,
28.1109

263.9450,
279.0476, 306.9248

15.2611, 16.2584,
18.1695

315.5489,
333.5109, 366.6153

9.0903, 9.7072,
10.9010

373.4751,

4.8577, 5.2053,

394.6362, 433.5827

5.8870

438.0892,
462.8079, 508.2455

■ 2.1979, 2.3682,
2.7088

■ 0.7416, 0.8095,
0.9479

■ 87.9745, 93.2075,
102.9766

■ 87.9745, 93.2075,
102.9766

■ 78.4078, 86.0448,
102.0997

■ 93.4533, 98.3280,
103.6776

■ 69.9992, 79.5361,
101.2866

■ 94.0991, 99.6197,
103.8929

■ 62.7015, 73.6591,
100.5368

■ 56.4612, 68.3857,
99.8479

■ 51.2200, 63.6856,
99.2169

■ 46.9141, 59.5252,
98.6408

■ 43.4716, 55.8671,
98.1161

■ 40.8102, 52.6683,
97.6390

■ 38.8305, 49.8770,
97.2046

Harmonies

Analogous

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



87.7994, 93.2075, 101.8865



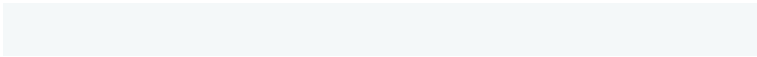
87.9745, 93.2075, 102.9766



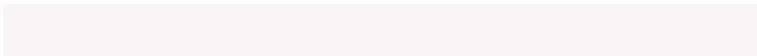
88.3149, 93.2075, 103.6710

Triad

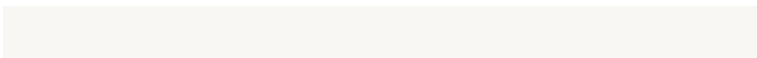
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9745, 93.2075, 102.9766



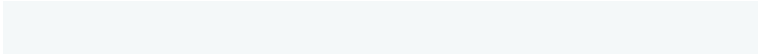
89.3502, 93.2075, 102.2805



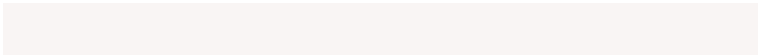
88.4517, 93.2075, 99.2305

Complementary

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



87.9745, 93.2075, 102.9766



88.0485, 91.9750, 98.7015

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.



88.8675, 93.2075, 99.3341



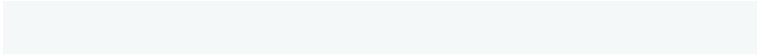
87.9745, 93.2075, 102.9766



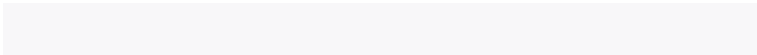
89.3872, 93.2075, 101.0887

Square

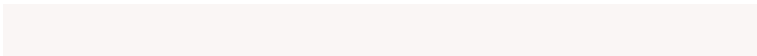
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



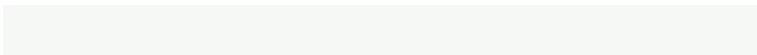
87.9745, 93.2075, 102.9766



89.1095, 93.2075, 103.2670



89.2102, 93.2075, 100.0121



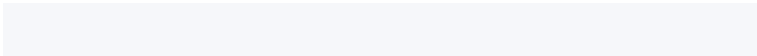
88.0744, 93.2075, 99.7279

Rectangle

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



87.9745, 93.2075, 102.9766



88.5902, 93.2075, 103.8130



89.2102, 93.2075, 100.0121



88.5916, 93.2075, 99.1963

Sweetspot

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



87.9772, 93.2115, 102.9786



93.9563, 99.1960, 108.8025



87.6539, 93.5734, 99.7624



20.1220, 21.2405, 23.2892



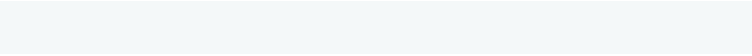
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.9772, 93.2115, 102.9786



92.8754, 98.3992, 108.7056



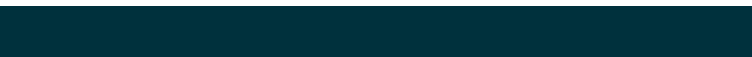
87.2376, 91.7324, 102.7321



19.0530, 20.1789, 22.2760



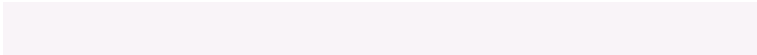
20.2388, 25.8331, 51.8931



1.9465, 2.5367, 4.8302

Inverse Universe

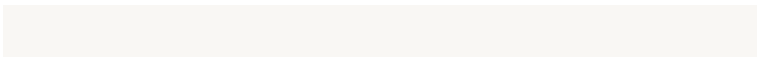
The Inverse Universe completely reimagines the original color for something new.



88.3629, 91.6201, 101.8390



93.2814, 96.7238, 107.5059



88.7857, 93.4495, 98.9473



19.1320, 19.8530, 22.0428



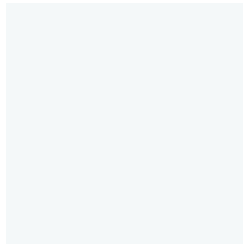
26.5076, 13.0188, 30.4452



2.4914, 1.2203, 3.0113

Previews

White Background



This preview shows how the XYZ color 87.9745, 93.2075, 102.9766 looks on a white background.

Color Contrast Check

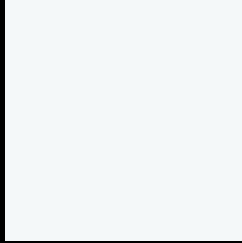
Large Text (above 18pt) WCAG AA × Fail

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 87.9745, 93.2075, 102.9766 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 87.9745, 93.2075, 102.9766

Background



This preview shows how black text looks on a background with the XYZ color 87.9745, 93.2075, 102.9766.



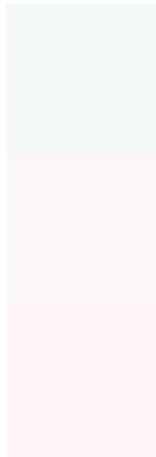
This preview shows how white text looks on a background with the XYZ color 87.9745, 93.2075,

102.9766.

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

87.9745, 93.2075, 102.9766

Protanopia

89.6827, 93.1981, 102.0692

Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

89.3635, 92.9057, 107.8304

Trichromacy



Original Color

87.9745, 93.2075, 102.9766

Protanomaly

88.9154, 93.2553, 102.1207

Deuteranomaly

89.6827, 93.1981, 102.0692

Tritanomaly

88.9964, 93.2062, 106.2285

Monochromacy



Original Color

87.9745, 93.2075, 102.9766

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2101, 92.8917, 102.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9745, 93.2075, 102.9766 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(244, 248, 249) looks like.

```
.text, #text, p{  
    color:rgb(244, 248, 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(244, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 248, 249) }
```

Border

The CSS property to change the border of an element to XYZ 87.9745, 93.2075, 102.9766 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(244, 248, 249) }
```


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

```
.border{ border-color:rgb(244, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 248,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9745, 93.2075, 102.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 248, 249) }
```

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

```
.background{ background-color: rgb(244,  
248, 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](#).

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