

Converting Colors

XYZ(87.0245, 91.4964,
102.9984)

Have a look what the booklet for
XYZ(87.0245, 91.4964, 102.9984)
contains.

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Color

**XYZ(86.7134, 91.1991,
102.6554)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F5F9
RGB	243, 245, 249
RGB Percent	95%, 96%, 98%
CMY	0.0471, 0.0392, 0.0235
CMYK	0.02, 0.02, 0.00, 0.02
HSL	220°, 33%, 96%
HSV	220°, 2%, 98%
XYZ	86.7134, 91.1991, 102.6554
YIQ	244.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

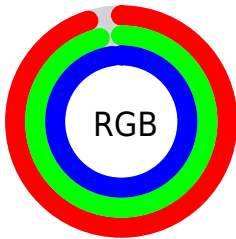
Format	Color
R _Y B	243, 245, 249
Decimal	15988217
CIE Lab	96.49, 0.06, -2.16
CIE LCh	96, 2.161, 271.552
Yxy	91.1991, 0.3091, 0.3251
Android (android.graphics.Color)	4294178297 (0xFF3F5F9)
YUV	244.8580, 2.0420, -1.6295
Hunter-Lab	95.4982, -5.0420, 3.1152

Details

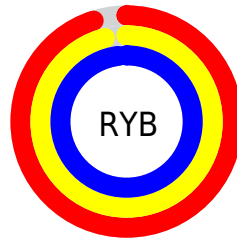
The XYZ color **86.7134, 91.1991, 102.6554** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5053, 93.1311, 98.1066**, and the grayscale version is **86.6647, 91.1780, 99.2929**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3168, 50.8102, 57.7129** is the 20% darker color. If you saturate the color by 10%, you get **73.9030, 77.4810, 100.6841**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8928**.

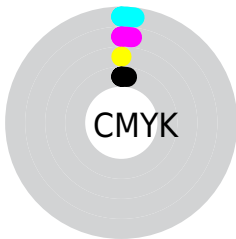
Distribution



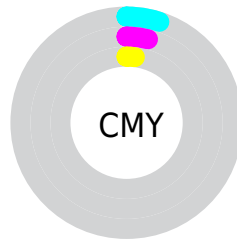
- Red (95%)
- Green (96%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.7134, 91.1991, 102.6554 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 86.7134, 91.1991, 102.6554 by changing the saturation by 10% instead.

86.7134, 91.1991,
102.6554

86.7134, 91.1991,
102.6554

505.6793,
531.9238, 589.9922

65.5853, 68.9756,
77.8908

141.6663,
149.0029, 166.8852

48.2023, 50.6918,
57.4684

176.2218,
185.3520, 207.1874

34.1990, 35.9634,
40.9695

215.9839,
227.1783, 253.5060

23.2102, 24.4059,
27.9758

261.3178,
274.8664, 306.2594

14.8703, 15.6350,
18.0685

312.5889,
328.8006, 365.8662

8.8141, 9.2663,
10.8292

370.1627,

4.6763, 4.9153,

389.3653, 432.7449

5.8394

434.4044,
456.9449, 507.3140

■ 2.0914, 2.1976,
2.6805

■ 0.6845, 0.7187,
0.9336

■ 86.7134, 91.1991,
102.6554

■ 86.7134, 91.1991,
102.6554

■ 73.9030, 77.4810,
100.6841

■ 94.0991, 99.6197,
103.8928

■ 62.6467, 65.2114,
98.9091

■ 52.8851, 54.3442,
97.3260

■ 44.5519, 44.8262,
95.9281

■ 37.5757, 36.6006,
94.7081

■ 31.8784, 29.6063,
93.6583

■ 27.3734, 23.7763,
92.7704

■ 23.9621, 19.0362,
92.0353

■ 21.5274, 15.3004,
91.4425

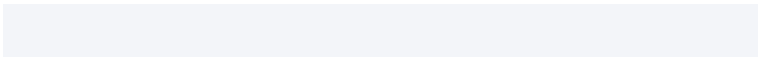
Harmonies

Analogous

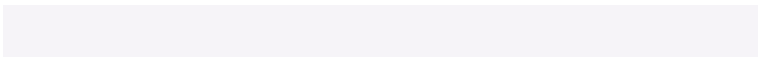
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1311, 91.1991, 102.2474



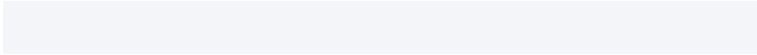
86.7134, 91.1991, 102.6554



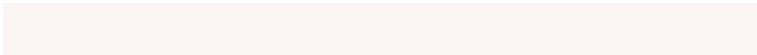
87.2899, 91.1991, 102.1558

Triad

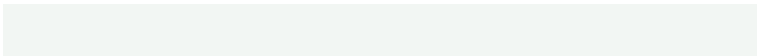
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7134, 91.1991, 102.6554



87.6734, 91.1991, 97.5736



85.6670, 91.1991, 97.7275

Complementary

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



86.7134, 91.1991, 102.6554



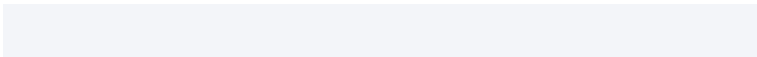
88.5053, 93.1311, 98.1066

Split Complementary

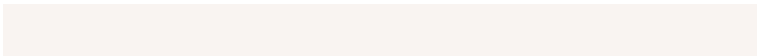
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0770, 91.1991, 96.4986



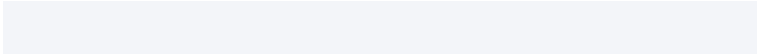
86.7134, 91.1991, 102.6554



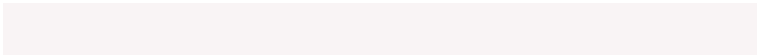
87.2353, 91.1991, 96.4104

Square

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



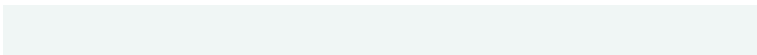
86.7134, 91.1991, 102.6554



87.8457, 91.1991, 99.2105



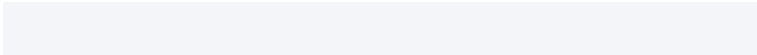
86.6506, 91.1991, 96.0191



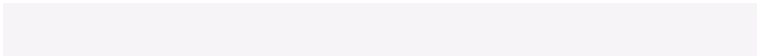
85.5286, 91.1991, 99.3902

Rectangle

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



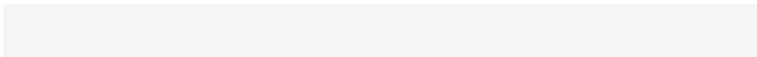
86.7134, 91.1991, 102.6554



87.5929, 91.1991, 101.3786



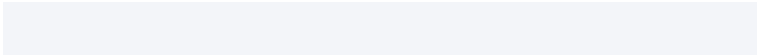
86.6506, 91.1991, 96.0191



85.7775, 91.1991, 97.2507

Sweetspot

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



86.7160, 91.2030, 102.6574



93.5787, 98.4409, 108.6766



87.6122, 93.5167, 101.3490



20.0452, 21.0868, 23.2636



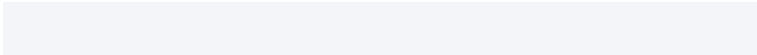
0.0000, 0.0000, 0.0000



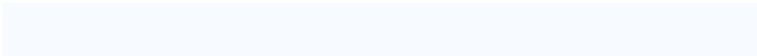
20.3446, 21.4041, 23.3091

Same Dimension

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



86.7160, 91.2030, 102.6574



90.6876, 95.3704, 108.2363



86.4243, 90.1572, 102.4709



18.3507, 19.2954, 22.1425



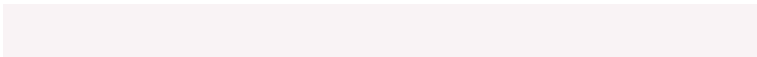
10.9323, 7.2202, 48.7910



1.1058, 0.8552, 4.5500

Inverse Universe

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



87.6009, 90.8351, 99.3068



91.8484, 94.8920, 103.8399



88.8015, 94.1986, 98.2970



18.6503, 19.1734, 21.0075



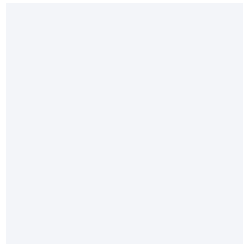
21.8101, 11.1398, 5.7086



2.0671, 1.0506, 0.7766

Previews

White Background



This preview shows how the XYZ color 86.7134, 91.1991, 102.6554 looks on a white background.

Color Contrast Check

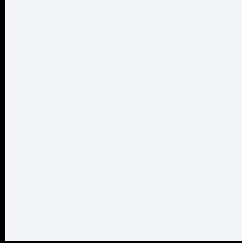
Large Text (above 18pt) WCAG AA × Fail

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 86.7134, 91.1991, 102.6554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

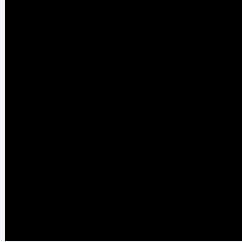
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

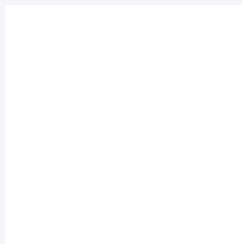
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7134, 91.1991, 102.6554

Background



This preview shows how black text looks on a background with the XYZ color 86.7134, 91.1991, 102.6554.



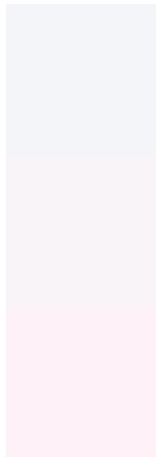
This preview shows how white text looks on a background with the XYZ color 86.7134, 91.1991,

102.6554.

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

86.7134, 91.1991, 102.6554

Protanopia

88.0054, 91.4351, 101.8173

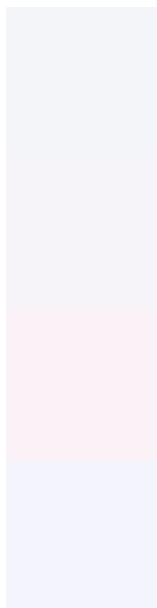
Deuteranopia

89.6386, 90.9479, 101.6372

Tritanopia

88.0569, 91.3338, 107.5958

Trichromacy



Original Color

86.7134, 91.1991, 102.6554

Protanomaly

87.3000, 91.0715, 101.7843

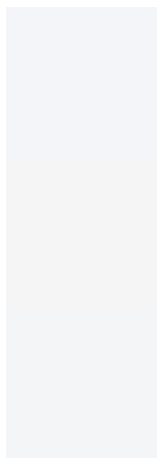
Deuteranomaly

88.4791, 90.7908, 101.6680

Tritanomaly

87.3885, 91.0263, 105.8925

Monochromacy



Original Color

86.7134, 91.1991, 102.6554

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.5952, 91.1917, 100.2265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7134, 91.1991, 102.6554 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(243, 245, 249) looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 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(243, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 249) }
```

Border

The CSS property to change the border of an element to XYZ 86.7134, 91.1991, 102.6554 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(243, 245, 249) }
```


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

```
.border{ border-color:rgb(243, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 245,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7134, 91.1991, 102.6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 249) }
```

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

```
.background{ background-color: rgb(243,  
245, 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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