

Converting Colors

XYZ(86.3383, 91.4298,
102.4575)

Have a look what the booklet for
XYZ(86.3383, 91.4298, 102.4575)
contains.

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Color

**XYZ(86.3303, 91.4519,
102.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F6F9
RGB	241, 246, 249
RGB Percent	95%, 96%, 98%
CMY	0.0549, 0.0353, 0.0235
CMYK	0.03, 0.01, 0.00, 0.02
HSL	202°, 40%, 96%
HSV	202°, 3%, 98%
XYZ	86.3303, 91.4519, 102.7244
YIQ	244.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

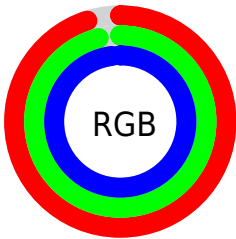
Format	Color
R _Y B	241, 244, 249
Decimal	15857401
CIE Lab	96.60, -1.10, -2.03
CIE LCh	97, 2.307, 241.396
Yxy	91.4519, 0.3078, 0.3260
Android (android.graphics.Color)	4294047481 (0xFFFF1F6F9)
YUV	244.8470, 2.0474, -3.3738
Hunter-Lab	95.6305, -6.2127, 3.2532

Details

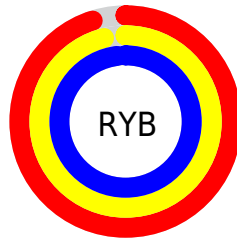
The XYZ color **86.3303, 91.4519, 102.7244** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.2950, 91.1910, 96.2212**, and the grayscale version is **86.6567, 91.1696, 99.2837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0467, 50.9915, 57.7621** is the 20% darker color. If you saturate the color by 10%, you get **75.6400, 81.8378, 101.4335**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8929**.

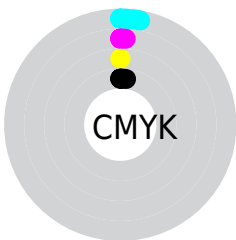
Distribution



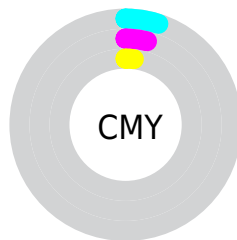
- Red (95%)
- Green (96%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3303, 91.4519, 102.7244 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 86.3303, 91.4519, 102.7244 by changing the saturation by 10% instead.

86.3303, 91.4519,
102.7244

86.3303, 91.4519,
102.7244

504.4373,
532.7426, 590.2136

65.2673, 69.1855,
77.9482

141.1348,
149.3535, 166.9806

47.9434, 50.8628,
57.5152

175.6070,
185.7575, 207.2976

33.9931, 36.0994,
41.0069

215.2797,
227.6428, 253.6320

23.0512, 24.5110,
28.0048

260.5182,
275.3938, 306.4024

14.7522, 15.7131,
18.0902

311.6878,
329.3948, 366.0271

8.7308, 9.3214,
10.8446

369.1540,

4.6217, 4.9514,

390.0304, 432.9249

5.8496

433.2820,
457.6849, 507.5142

■ 2.0595, 2.2188,
2.6865

■ 0.6671, 0.7302,
0.9366

■ 86.3303, 91.4519,
102.7244

■ 86.3303, 91.4519,
102.7244

■ 75.6400, 81.8378,
101.4335

■ 94.0991, 99.6197,
103.8929

■ 66.2023, 73.0753,
100.2396

■ 57.9677, 65.1382,
99.1416

■ 50.8804, 57.9945,
98.1363

■ 44.8797, 51.6096,
97.2201

■ 39.8987, 45.9458,
96.3894

■ 35.8627, 40.9611,
95.6400

■ 32.6857, 36.6074,
94.9671

■ 30.2633, 32.8274,
94.3652

Harmonies

Analogous

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



85.8687, 91.4519, 101.4361



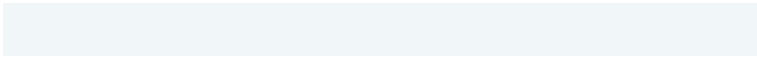
86.3303, 91.4519, 102.7244



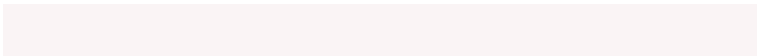
86.9525, 91.4519, 103.1662

Triad

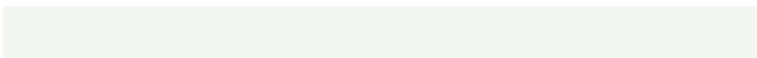
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3303, 91.4519, 102.7244



88.1672, 91.4519, 99.4891



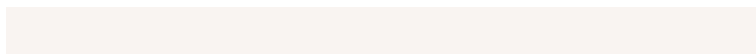
86.2782, 91.4519, 96.5765

Complementary

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



86.3303, 91.4519, 102.7244



87.2950, 91.1910, 96.2212

Split Complementary

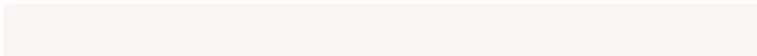
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8921, 91.4519, 96.0692



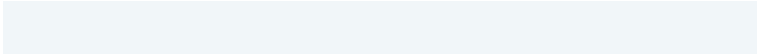
86.3303, 91.4519, 102.7244



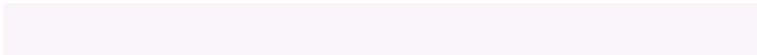
87.9845, 91.4519, 97.7379

Square

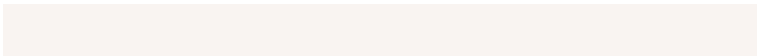
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3303, 91.4519, 102.7244



88.0149, 91.4519, 101.2845



87.5170, 91.4519, 96.4918



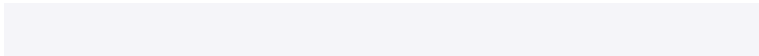
85.8387, 91.4519, 97.8859

Rectangle

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



86.3303, 91.4519, 102.7244



87.3752, 91.4519, 102.9170



87.5170, 91.4519, 96.4918



86.4709, 91.4519, 96.3072

Sweetspot

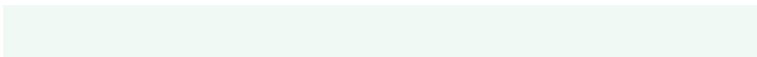
The Sweet Spot groups the original color and five complimentary colors.



86.3329, 91.4558, 102.7264



93.8142, 98.9118, 108.7551



86.4717, 92.9812, 98.9259



20.0931, 21.1827, 23.2796



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.



86.3329, 91.4558, 102.7264



90.1899, 95.7035, 108.3268



85.1479, 89.0858, 102.3314



18.3002, 19.4497, 22.1749



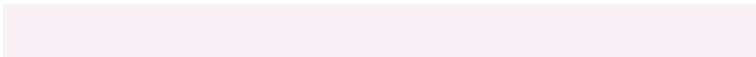
15.6351, 16.6259, 50.3586



1.5498, 1.7434, 4.6980

Inverse Universe

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



87.1588, 89.7059, 99.9146



91.2729, 93.4203, 104.6371



88.4924, 93.5859, 96.6203



18.5624, 18.8995, 21.2809



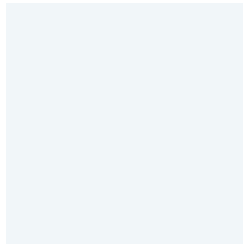
24.1839, 12.0893, 18.2088



2.2912, 1.1402, 1.9569

Previews

White Background



This preview shows how the XYZ color 86.3303, 91.4519, 102.7244 looks on a white background.

Color Contrast Check

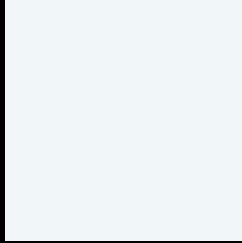
Large Text (above 18pt) WCAG AA × Fail

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 86.3303, 91.4519, 102.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

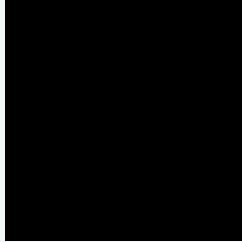
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

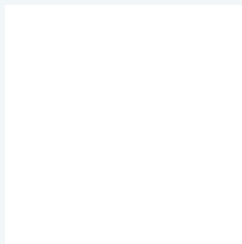
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3303, 91.4519, 102.7244

Background



This preview shows how black text looks on a background with the XYZ color 86.3303, 91.4519, 102.7244.



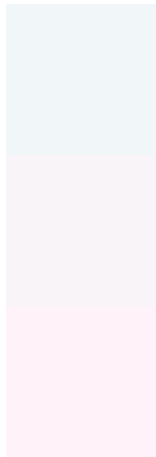
This preview shows how white text looks on a background with the XYZ color 86.3303, 91.4519,

102.7244.

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

86.3303, 91.4519, 102.7244

Protanopia

88.0054, 91.4351, 101.8173

Deuteranopia

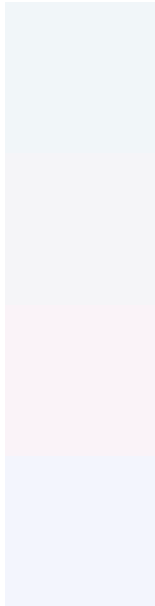
89.9354, 91.5416, 101.7361



Tritanopia

87.7089, 91.1545, 107.5796

Trichromacy



Original Color

86.3303, 91.4519, 102.7244

Protanomaly

87.2519, 91.4946, 101.8685

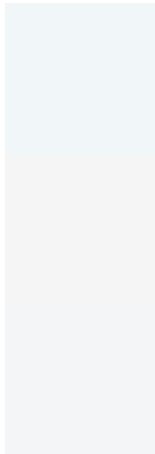
Deuteranomaly

88.4182, 91.2025, 101.7506

Tritanomaly

87.3442, 91.4514, 105.9769

Monochromacy



Original Color

86.3303, 91.4519, 102.7244

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 86.3303, 91.4519, 102.7244 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(241, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 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(241, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 86.3303, 91.4519, 102.7244 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(241, 246, 249) }
```


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

```
.border{ border-color:rgb(241, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3303, 91.4519, 102.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 249) }
```

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

```
.background{ background-color: rgb(241,  
246, 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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