

# Converting Colors

XYZ(86.3021, 90.1116,  
101.6516)

Have a look what the booklet for  
XYZ(86.3021, 90.1116, 101.6516)  
contains.

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# **Color**

**XYZ(86.3021, 90.1116,  
101.6516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4F3F8
RGB	244, 243, 248
RGB Percent	96%, 95%, 97%
CMY	0.0431, 0.0470, 0.0274
CMYK	0.02, 0.02, 0.00, 0.03
HSL	252°, 26%, 96%
HSV	252°, 2%, 97%
XYZ	86.3021, 90.1116, 101.6516
YIQ	243.8690, -1.0090, 1.7670

# Conversions

## Conversions Part 2

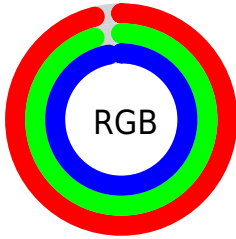
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 243, 248
Decimal	16053240
CIE <sub>Lab</sub>	96.04, 1.23, -2.29
CIE <sub>LCh</sub>	96, 2.600, 298.125
Yxy	90.1116, 0.3104, 0.3241
Android (android.graphics.Color)	4294243320 (0xFFFF4F3F8)
YUV	243.8690, 2.0366, 0.1149
Hunter-Lab	94.9271, -3.8409, 2.9590

# Details

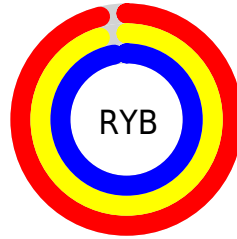
The XYZ color **86.3021, 90.1116, 101.6516** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.1062, 93.3824, 98.1795**, and the grayscale version is **85.8714, 90.3434, 98.3840**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0238, 50.0378, 56.9963** is the 20% darker color. If you saturate the color by 10%, you get **72.8538, 72.8975, 99.0391**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0734**.

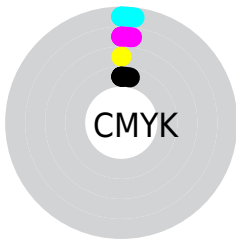
# Distribution



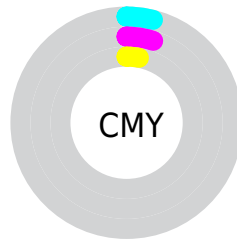
- Red (96%)
- Green (95%)
- Blue (97%)



- Red (96%)
- Yellow (95%)
- Blue (97%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3021, 90.1116, 101.6516 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 86.3021, 90.1116, 101.6516 by changing the saturation by 10% instead.



86.3021, 90.1116,  
101.6516

86.3021, 90.1116,  
101.6516

504.3458,  
528.3938, 586.7668

65.2439, 68.0732,  
77.0560

141.0956,  
147.4934, 165.4966

47.9243, 49.9573,  
56.7870

175.5617,  
183.6056, 205.5832

33.9780, 35.3795,  
40.4260

215.2278,  
225.1779, 251.6705

23.0395, 23.9553,  
27.5546

260.4593,  
272.5946, 304.1770

14.7435, 15.3005,  
17.7541

311.6214,  
326.2401, 363.5214

8.7247, 9.0305,  
10.6059

369.0797,

4.6177, 4.7611,

386.4989, 430.1221

5.6917

433.1994,  
453.7554, 504.3978

■ 2.0572, 2.1078,  
2.5928

■ 0.6658, 0.6690,  
0.8887

■ 86.3021, 90.1116,  
101.6516

■ 86.3021, 90.1116,  
101.6516

■ 72.8538, 72.8975,  
99.0391

■ 93.9435, 99.5574,  
103.0734

■ 61.0844, 57.9751,  
96.7791

■ 50.9292, 45.2506,  
94.8583

■ 42.3164, 34.6189,  
93.2601

■ 35.1687, 25.9666,  
91.9667

■ 29.4020, 19.1690,  
90.9586

■ 24.9232, 14.0873,  
90.2138

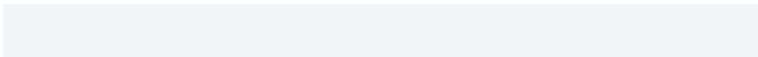
■ 21.6269, 10.5625,  
89.7072

■ 19.3898, 8.4048,  
89.4086

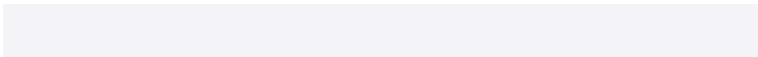
# Harmonies

## Analogous

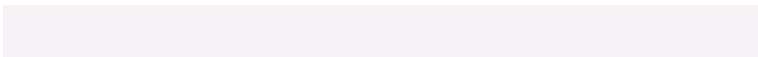
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6031, 90.1116, 102.1291



86.3021, 90.1116, 101.6516



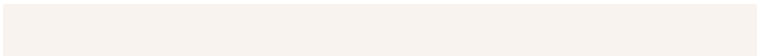
86.8284, 90.1116, 100.2231

# Triad

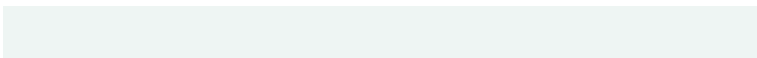
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3021, 90.1116, 101.6516



86.3809, 90.1116, 94.7904



84.2733, 90.1116, 97.9867

# Complementary

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



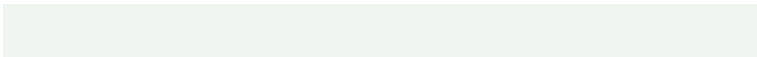
86.3021, 90.1116, 101.6516



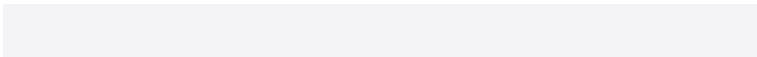
88.1062, 93.3824, 98.1795

# 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.



84.4791, 90.1116, 96.0391



86.3021, 90.1116, 101.6516



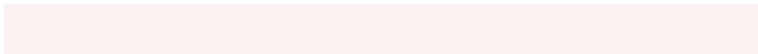
85.6936, 90.1116, 94.2098

# Square

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



86.3021, 90.1116, 101.6516



86.8741, 90.1116, 96.2606



84.9980, 90.1116, 94.6638

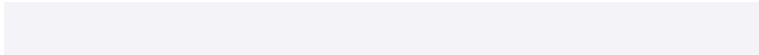


84.4342, 90.1116, 99.9956

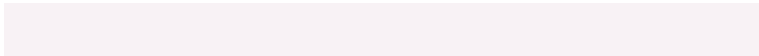


# Rectangle

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



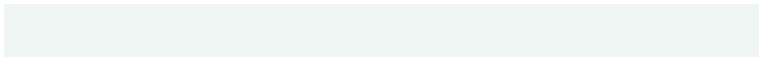
86.3021, 90.1116, 101.6516



87.0092, 90.1116, 98.9336



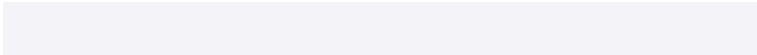
84.9980, 90.1116, 94.6638



84.3018, 90.1116, 97.3033

# Sweetspot

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



86.3047, 90.1155, 101.6536



93.4947, 97.9986, 108.5957



87.1947, 92.4071, 102.0490



20.0281, 20.9968, 23.2471



0.0000, 0.0000, 0.0000

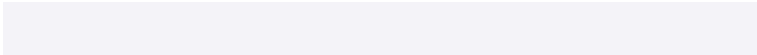


20.3446, 21.4041, 23.3091



# Same Dimension

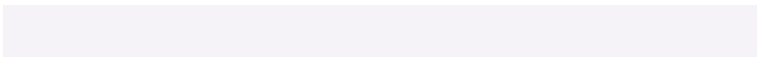
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3047, 90.1155, 101.6536



91.9582, 96.0228, 108.2953



87.1493, 90.5509, 101.6931



18.8746, 19.7167, 22.1962



9.9380, 4.0659, 48.2346

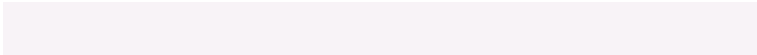


1.0021, 0.4187, 4.4712



# Inverse Universe

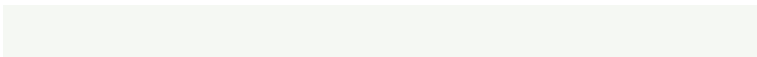
The Inverse Universe completely reimagines the original color for something new.



87.5537, 90.7772, 100.9075



93.2813, 96.7238, 107.5050



87.2590, 92.9457, 98.1399



19.1319, 19.8530, 22.0426



26.5046, 13.0176, 30.4293

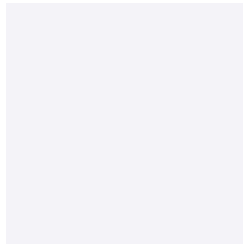


2.4912, 1.2202, 3.0099



# Previews

## White Background



This preview shows how the XYZ color 86.3021, 90.1116, 101.6516 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

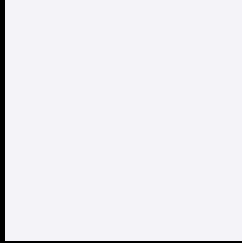
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 86.3021, 90.1116, 101.6516 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

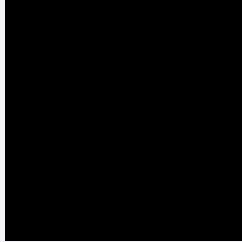
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

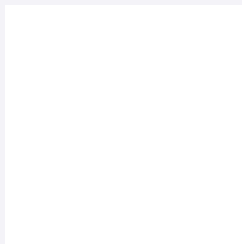
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 86.3021, 90.1116, 101.6516

## Background



This preview shows how black text looks on a background with the XYZ color 86.3021, 90.1116, 101.6516.



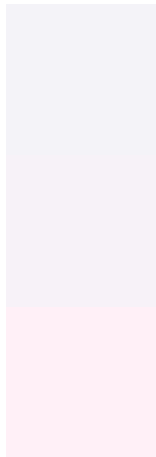
This preview shows how white text looks on a background with the XYZ color 86.3021, 90.1116,

101.6516.

# 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

86.3021, 90.1116, 101.6516

### Protanopia

87.0532, 90.0557, 101.6012

### Deuteranopia

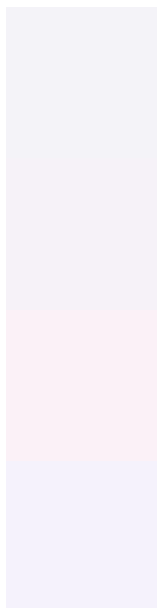
89.1886, 90.2956, 100.7237



## Tritanopia

87.4583, 90.1367, 107.3963

# Trichromacy



## Original Color

86.3021, 90.1116, 101.6516

## Protanomaly

86.7014, 89.8744, 101.5848

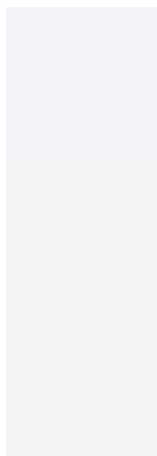
## Deuteranomaly

88.0275, 90.1352, 100.7540

## Tritanomaly

86.9790, 89.9450, 104.8723

# Monochromacy



## Original Color

86.3021, 90.1116, 101.6516

## Achromatopsia

85.9880, 90.4661, 98.5176

## Achromatomaly

86.1403, 90.5270, 99.3196

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 86.3021, 90.1116, 101.6516 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, 243, 248) looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 248)  
}
```

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, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 248) }
```

## Border

The CSS property to change the border of an element to XYZ 86.3021, 90.1116, 101.6516 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, 243, 248) }
```



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

```
.border{ border-color:rgb(244, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
248) }
```

# Background

The CSS property to change the background color of an element to XYZ 86.3021, 90.1116, 101.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 248) }
```

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

```
.background{ background-color: rgb(244,  
243, 248) }
```

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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