

Converting Colors

XYZ(86.8911, 93.0671,
104.6507)

Have a look what the booklet for
XYZ(86.8911, 93.0671, 104.6507)
contains.

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Color

**XYZ(86.8849, 93.0671,
104.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF9FB
RGB	239, 249, 251
RGB Percent	94%, 98%, 98%
CMY	0.0627, 0.0235, 0.0157
CMYK	0.05, 0.01, 0.00, 0.02
HSL	190°, 60%, 96%
HSV	190°, 5%, 98%
XYZ	86.8849, 93.0671, 104.6512
YIQ	246.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

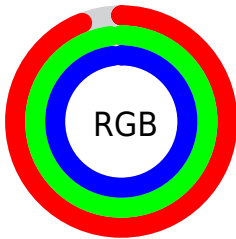
Format	Color
R _Y B	239, 244, 251
Decimal	15727099
CIE Lab	97.25, -2.91, -2.11
CIE LCh	97, 3.593, 215.914
Yxy	93.0671, 0.3053, 0.3270
Android (android.graphics.Color)	4293917179 (0xFFEFF9FB)
YUV	246.2380, 2.3477, -6.3477
Hunter-Lab	96.4713, -8.0624, 3.2126

Details

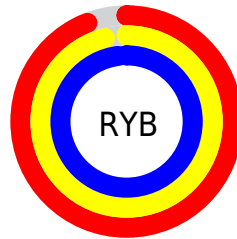
The XYZ color **86.8849, 93.0671, 104.6512** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.8193, 89.6511, 94.3914**, and the grayscale version is **87.7777, 92.3489, 100.5680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4487, 52.1473, 59.1417** is the 20% darker color. If you saturate the color by 10%, you get **77.7169, 86.4487, 103.8584**, and if you desaturate by 10%, it is **93.8353, 98.5900, 105.3523**.

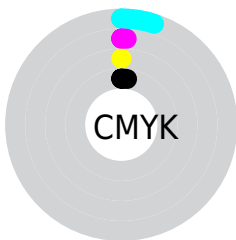
Distribution



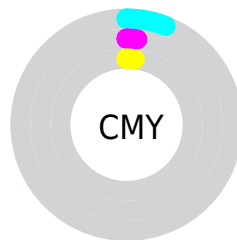
- Red (94%)
- Green (98%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.8849, 93.0671, 104.6512 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 86.8849, 93.0671, 104.6512 by changing the saturation by 10% instead.

86.8849, 93.0671,
104.6512

86.8849, 93.0671,
104.6512

506.2348,
537.9583, 596.3777

65.7277, 70.5273,
79.5521

141.9042,
151.5915, 169.6419

48.3183, 51.9565,
58.8259

176.4970,
188.3449, 210.3705

34.2913, 36.9704,
42.0539

216.2990,
230.6049, 257.1462

23.2814, 25.1846,
28.8176

261.6755,
278.7559, 310.3873

14.9233, 16.2146,
18.6985

312.9921,
333.1824, 370.5125

8.8515, 9.6762,
11.2780

370.6139,

4.7008, 5.1848,

394.2687, 437.9403

6.1376

434.9063,
462.3992, 513.0892

■ 2.1057, 2.3561,
2.8588

■ 0.6923, 0.8032,
1.0230

■ 86.8849, 93.0671,
104.6512

■ 86.8849, 93.0671,
104.6512

■ 77.7169, 86.4487,
103.8584

■ 93.8353, 98.5900,
105.3523

■ 69.7032, 80.4652,
103.1258

■ 94.4129, 99.7451,
105.5448

■ 62.7949, 75.0935,
102.4530

■ 56.9363, 70.3046,
101.8375

■ 52.0665, 66.0671,
101.2762

■ 48.1187, 62.3460,
100.7661

■ 45.0171, 59.1021,
100.3034

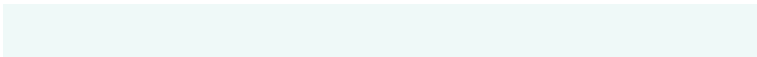
■ 42.6740, 56.2897,
99.8841

■ 40.9811, 53.8530,
99.5029

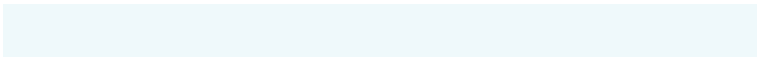
Harmonies

Analogous

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



86.5287, 93.0671, 101.9118



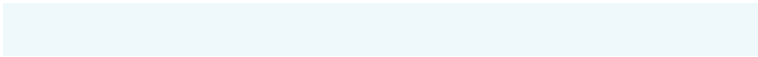
86.8849, 93.0671, 104.6512



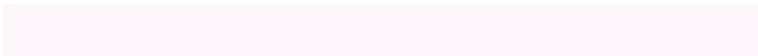
87.6627, 93.0671, 106.5277

Triad

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



86.8849, 93.0671, 104.6512



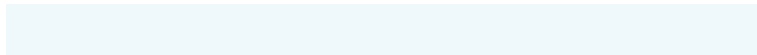
90.2528, 93.0671, 103.6345



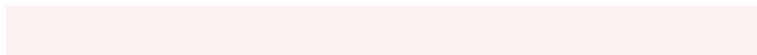
88.2564, 93.0671, 95.8711

Complementary

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



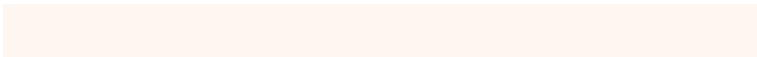
86.8849, 93.0671, 104.6512



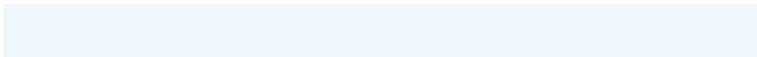
86.8193, 89.6511, 94.3914

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.



89.2570, 93.0671, 96.3124



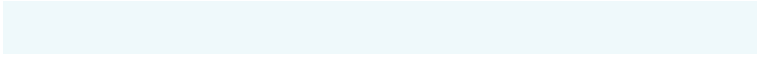
86.8849, 93.0671, 104.6512



90.4147, 93.0671, 100.7589

Square

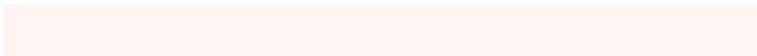
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8849, 93.0671, 104.6512



89.6082, 93.0671, 105.9328



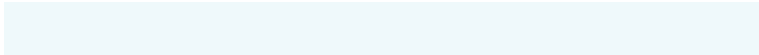
90.0489, 93.0671, 98.0881



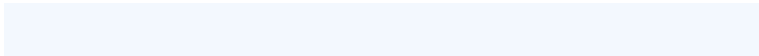
87.3167, 93.0671, 96.8707

Rectangle

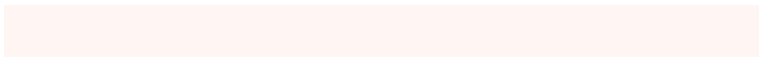
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8849, 93.0671, 104.6512



88.3184, 93.0671, 107.0173



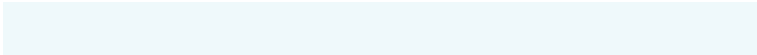
90.0489, 93.0671, 98.0881



88.5967, 93.0671, 95.8561

Sweetspot

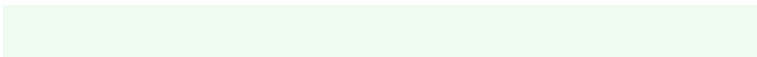
The Sweet Spot groups the original color and five complimentary colors.



86.8876, 93.0711, 104.6532



93.9829, 99.2492, 108.8113



85.9426, 93.6855, 96.6175



20.1275, 21.2513, 23.2910



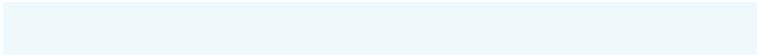
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.8876, 93.0711, 104.6532



88.8369, 95.5997, 108.3781



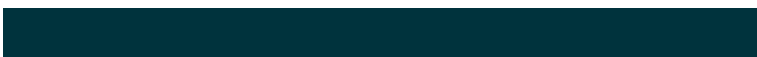
85.1212, 89.5383, 104.0645



18.0726, 19.4954, 22.1958



21.2624, 27.8803, 52.2343



2.0324, 2.7085, 4.8588

Inverse Universe

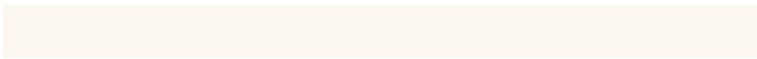
The Inverse Universe completely reimagines the original color for something new.



87.7511, 89.0836, 102.1970



89.9547, 90.4608, 105.1935



88.5648, 93.1420, 94.9733



18.3253, 18.3365, 21.4752



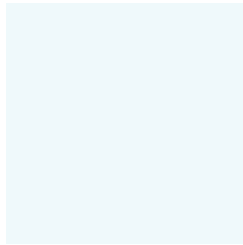
27.0243, 13.2254, 33.1660



2.5348, 1.2376, 3.2395

Previews

White Background



This preview shows how the XYZ color 86.8849, 93.0671, 104.6512 looks on a white background.

Color Contrast Check

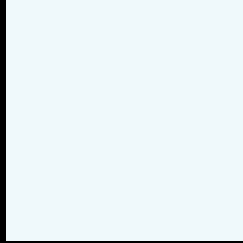
Large Text (above 18pt) WCAG AA × Fail

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 86.8849, 93.0671, 104.6512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

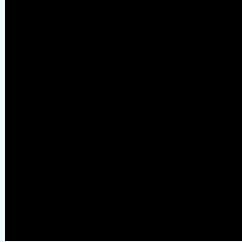
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.8849, 93.0671, 104.6512

Background



This preview shows how black text looks on a background with the XYZ color 86.8849, 93.0671, 104.6512.

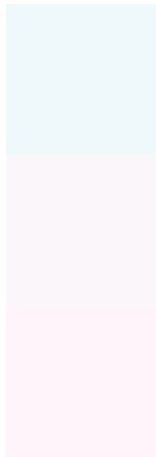


This preview shows how white text looks on a background with the XYZ color 86.8849, 93.0671,

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

86.8849, 93.0671, 104.6512

Protanopia

89.4790, 93.0751, 102.8718

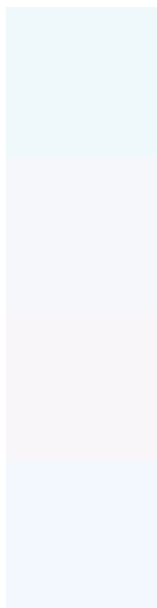
Deuteranopia

90.6896, 92.8009, 102.7550

Tritanopia

88.9670, 93.1540, 107.8992

Trichromacy



Original Color

86.8849, 93.0671, 104.6512

Protanomaly

88.5221, 93.0165, 103.7308

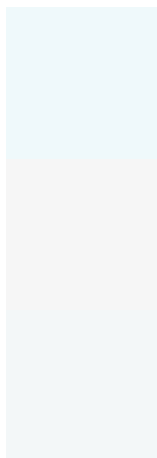
Deuteranomaly

89.2780, 92.9534, 103.6788

Tritanomaly

88.4189, 93.3452, 107.1232

Monochromacy



Original Color

86.8849, 93.0671, 104.6512

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.1662, 92.3535, 102.0388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8849, 93.0671, 104.6512 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(239, 249, 251) looks like.

```
.text, #text, p{  
    color:rgb(239, 249, 251)  
}
```

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(239, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 249, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.8849, 93.0671, 104.6512 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(239, 249, 251) }
```


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

```
.border{ border-color:rgb(239, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(239, 249,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8849, 93.0671, 104.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 249, 251) }
```

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

```
.background{ background-color: rgb(239,  
249, 251) }
```

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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