

Converting Colors

XYZ(86.4029, 90.2150,
104.4563)

Have a look what the booklet for
XYZ(86.4029, 90.2150, 104.4563)
contains.

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Color

**XYZ(86.4253, 90.1209,
104.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F3FB
RGB	243, 243, 251
RGB Percent	95%, 95%, 98%
CMY	0.0471, 0.0470, 0.0157
CMYK	0.03, 0.03, 0.00, 0.02
HSL	240°, 50%, 97%
HSV	240°, 3%, 98%
XYZ	86.4253, 90.1209, 104.1068
YIQ	243.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

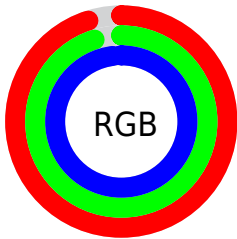
Format	Color
R_{YB}	243, 243, 251
Decimal	15987707
CIE Lab	96.05, 1.44, -3.85
CIE LCh	96, 4.108, 290.510
Yxy	90.1209, 0.3079, 0.3211
Android (android.graphics.Color)	4294177787 (0xFFFB3F3FB)
YUV	243.9120, 3.4944, -0.7998
Hunter-Lab	94.9320, -3.6262, 1.4323

Details

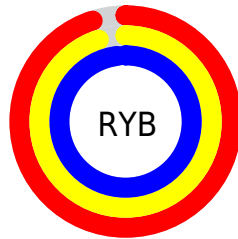
The XYZ color **86.4253, 90.1209, 104.1068** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.4586, 95.9736, 98.5524**, and the grayscale version is **85.8954, 90.3686, 98.4114**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1142, 50.0456, 58.7536** is the 20% darker color. If you saturate the color by 10%, you get **71.3471, 71.9559, 101.3967**, and if you desaturate by 10%, it is **94.4129, 99.7451, 105.5448**.

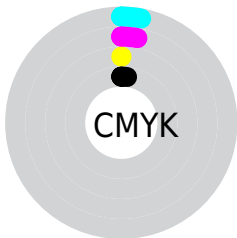
Distribution



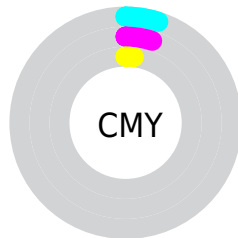
- Red (95%)
- Green (95%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4253, 90.1209, 104.1068 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 86.4253, 90.1209, 104.1068 by changing the saturation by 10% instead.

86.4253, 90.1209,
104.1068

86.4253, 90.1209,
104.1068

504.7455,
528.4241, 594.6395

65.3462, 68.0809,
79.0988

141.2666,
147.5063, 168.8904

48.0076, 49.9636,
58.4552

175.7595,
183.6205, 209.5031

34.0442, 35.3845,
41.7576

215.4543,
225.1950, 256.1544

23.0906, 23.9592,
28.5874

260.7165,
272.6140, 309.2629

14.7815, 15.3033,
18.5260

311.9114,
326.2620, 369.2472

8.7515, 9.0326,
11.1550

369.4042,

4.6352, 4.7624,

386.5235, 436.5256

6.0557

433.5605,
453.7827, 511.5169

■ 2.0674, 2.1086,
2.8096

■ 0.6714, 0.6694,
0.9983

■ 86.4253, 90.1209,
104.1068

■ 86.4253, 90.1209,
104.1068

■ 71.3471, 71.9559,
101.3967

94.4129, 99.7451,
105.5448

■ 58.3872, 56.3418,
99.0659

■ 47.4531, 43.1679,
97.0994

■ 38.4425, 32.3111,
95.4787

■ 31.2442, 23.6374,
94.1839

■ 25.7356, 16.9991,
93.1929

■ 21.7789, 12.2304,
92.4810

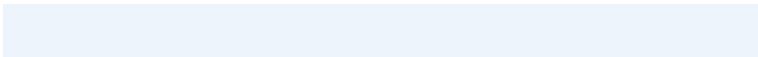
■ 19.2148, 9.1394,
92.0195

■ 17.8497, 7.4930,
91.7737

Harmonies

Analogous

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



85.2973, 90.1209, 104.4308



86.4253, 90.1209, 104.1068



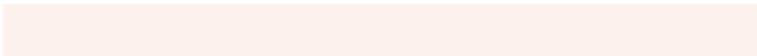
87.3551, 90.1209, 102.1612

Triad

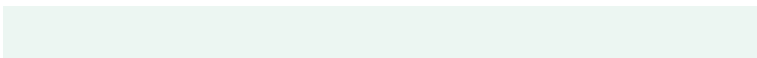
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4253, 90.1209, 104.1068



87.0547, 90.1209, 93.3744



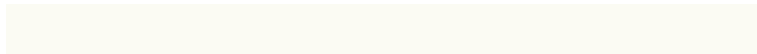
83.5195, 90.1209, 97.0979

Complementary

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



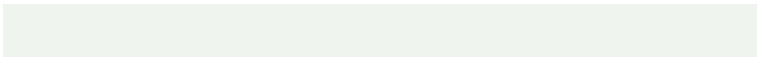
86.4253, 90.1209, 104.1068



90.4586, 95.9736, 98.5524

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.



83.9815, 90.1209, 94.1991



86.4253, 90.1209, 104.1068



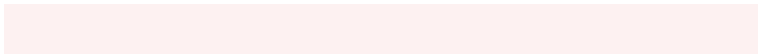
86.0181, 90.1209, 92.0809

Square

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



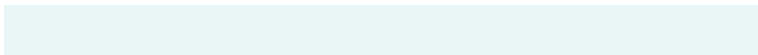
86.4253, 90.1209, 104.1068



87.7207, 90.1209, 95.9494



84.8937, 90.1209, 92.3794



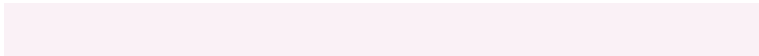
83.6263, 90.1209, 100.3359

Rectangle

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



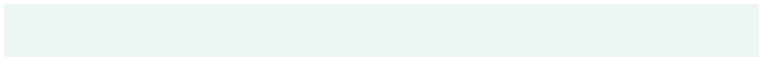
86.4253, 90.1209, 104.1068



87.7342, 90.1209, 100.2297



84.8937, 90.1209, 92.3794



83.6132, 90.1209, 96.0526

Sweetspot

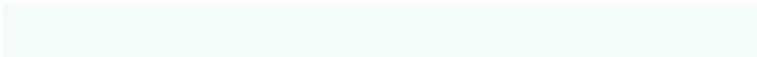
The Sweet Spot groups the original color and five complimentary colors.



86.4279, 90.1247, 104.1088



93.3104, 97.9042, 108.5872



88.8523, 95.0071, 104.8132



19.9906, 20.9776, 23.2454



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.



86.4279, 90.1247, 104.1088



88.2299, 91.7835, 107.6735



87.7753, 90.8176, 104.1715



17.8273, 18.5040, 22.0173



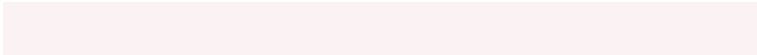
9.1538, 3.6632, 48.1982



0.8480, 0.3398, 4.4641

Inverse Universe

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



88.0139, 91.0831, 97.7405



90.2836, 93.0245, 99.4274



89.0810, 95.2653, 98.4883



18.3237, 18.8040, 20.0240



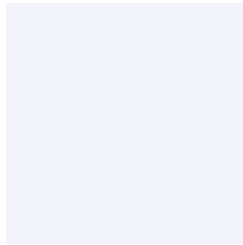
20.9124, 10.7807, 0.9814



1.9370, 0.9985, 0.0915

Previews

White Background



This preview shows how the XYZ color 86.4253, 90.1209, 104.1068 looks on a white background.

Color Contrast Check

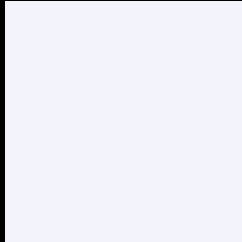
Large Text (above 18pt) WCAG AA × Fail

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 86.4253, 90.1209, 104.1068 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

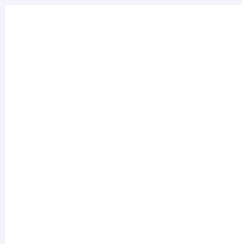
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.4253, 90.1209, 104.1068

Background



This preview shows how black text looks on a background with the XYZ color 86.4253, 90.1209, 104.1068.



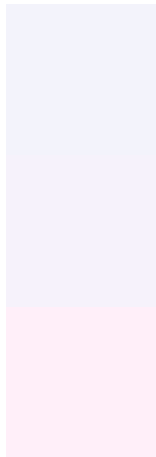
This preview shows how white text looks on a background with the XYZ color 86.4253, 90.1209,

104.1068.

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

86.4253, 90.1209, 104.1068

Protanopia

87.1708, 90.0621, 104.0561

Deuteranopia

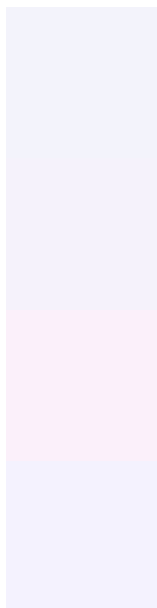
89.2054, 89.8326, 102.2603



Tritanopia

87.1104, 89.9574, 107.3800

Trichromacy



Original Color

86.4253, 90.1209, 104.1068

Protanomaly

86.8209, 89.8818, 104.0398

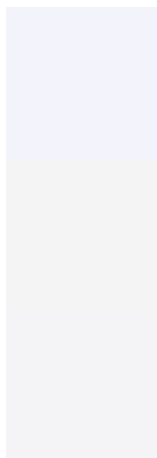
Deuteranomaly

88.1991, 89.7315, 103.1138

Tritanomaly

86.9498, 89.8931, 106.5343

Monochromacy



Original Color

86.4253, 90.1209, 104.1068

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.4474, 90.6499, 100.9366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4253, 90.1209, 104.1068 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, 243, 251) looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 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(243, 243, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.4253, 90.1209, 104.1068 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, 243, 251) }
```


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

```
.border{ border-color:rgb(243, 243, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4253, 90.1209, 104.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 251) }
```

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

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