

Converting Colors

XYZ(84.8624, 86.8668,
104.3261)

Have a look what the booklet for
XYZ(84.8624, 86.8668, 104.3261)
contains.

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Color

**XYZ(84.8170, 86.6513,
104.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EDFC
RGB	243, 237, 252
RGB Percent	95%, 93%, 99%
CMY	0.0471, 0.0706, 0.0118
CMYK	0.04, 0.06, 0.00, 0.01
HSL	264°, 71%, 96%
HSV	264°, 6%, 99%
XYZ	84.8170, 86.6513, 104.3505
YIQ	240.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

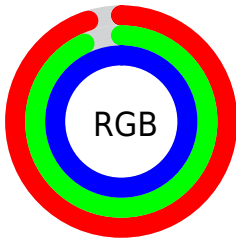
Format	Color
R _Y B	243, 237, 252
Decimal	15986172
CIE Lab	94.59, 4.69, -6.51
CIE LCh	95, 8.029, 305.787
Yxy	86.6513, 0.3075, 0.3142
Android (android.graphics.Color)	4294176252 (0xFFFF3EDFC)
YUV	240.5040, 5.6675, 2.1890
Hunter-Lab	93.0867, -0.2594, -1.3036

Details

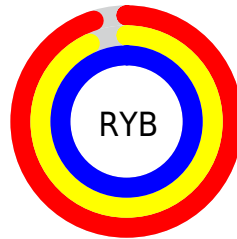
The XYZ color **84.8170, 86.6513, 104.3505** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.1057, 95.3304, 93.8820**, and the grayscale version is **83.1792, 87.5110, 95.2994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8677, 47.5527, 58.3381** is the 20% darker color. If you saturate the color by 10%, you get **73.0220, 70.4922, 101.8544**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3773**.

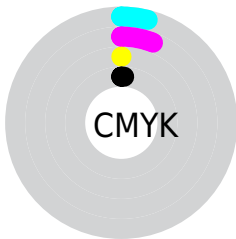
Distribution



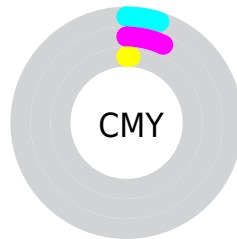
- Red (95%)
- Green (93%)
- Blue (99%)



- Red (95%)
- Yellow (93%)
- Blue (99%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8170, 86.6513, 104.3505 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 84.8170, 86.6513, 104.3505 by changing the saturation by 10% instead.

84.8170, 86.6513,
104.3505

84.8170, 86.6513,
104.3505

499.5151,
517.0764, 595.4179

64.0122, 65.2067,
79.3017

139.0328,
142.6780, 169.2269

46.9222, 47.6287,
58.6211

173.1745,
178.0289, 209.8915

33.1819, 33.5329,
41.8902

212.4925,
218.7840, 256.5985

22.4257, 22.5350,
28.6904

257.3523,
265.3277, 309.7664

14.2884, 14.2505,
18.6032

308.1190,
318.0444, 369.8138

8.4046, 8.2951,
11.2100

365.1582,

4.4089, 4.2844,

377.3184, 437.1591

6.0923

428.8351,
443.5343, 512.2210

■ 1.9359, 1.8339,
2.8316

■ 0.5976, 0.5082,
1.0093

■ 84.8170, 86.6513,
104.3505

■ 84.8170, 86.6513,
104.3505

■ 73.0220, 70.4922,
101.8544

94.5709, 99.8084,
106.3773

■ 62.6270, 56.5112,
99.7037

■ 53.5781, 44.6155,
97.8846

■ 45.8153, 34.7014,
96.3801

■ 39.2732, 26.6555,
95.1719

■ 33.8806, 20.3532,
94.2396

■ 29.5573, 15.6536,
93.5604

■ 26.2116, 12.3928,
93.1073

■ 23.7316, 10.3687,
92.8473

Harmonies

Analogous

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



82.7798, 86.6513, 106.7096



84.8170, 86.6513, 104.3505



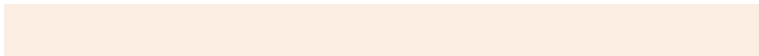
86.2134, 86.6513, 99.3215

Triad

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



84.8170, 86.6513, 104.3505



84.0780, 86.6513, 83.8910



78.2882, 86.6513, 95.5553

Complementary

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



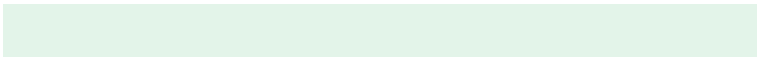
84.8170, 86.6513, 104.3505



88.1057, 95.3304, 93.8820

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.



78.6221, 86.6513, 89.5444



84.8170, 86.6513, 104.3505



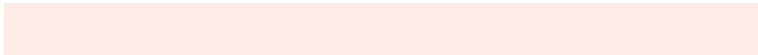
81.9406, 86.6513, 82.9809

Square

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



84.8170, 86.6513, 104.3505



85.7816, 86.6513, 87.5494



79.9499, 86.6513, 85.0070



79.0296, 86.6513, 101.4909

Rectangle

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



84.8170, 86.6513, 104.3505



86.5798, 86.6513, 95.2269



79.9499, 86.6513, 85.0070



78.2786, 86.6513, 93.4756

Sweetspot

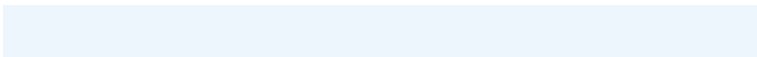
The Sweet Spot groups the original color and five complimentary colors.



84.8195, 86.6550, 104.3524



92.3274, 96.2132, 108.3126



85.5307, 91.0995, 105.1728



19.7904, 20.6333, 23.1895



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.



84.8195, 86.6550, 104.3524



85.7857, 87.1598, 106.9099



87.3715, 87.9706, 104.4718



17.4250, 17.6488, 21.8735



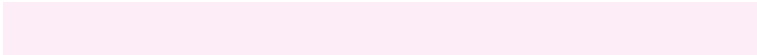
12.0899, 5.1753, 48.3353



1.2357, 0.5391, 4.4821

Inverse Universe

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



87.0666, 87.9215, 99.5748



88.4896, 88.6841, 101.1491



85.6118, 94.0447, 93.7653



18.0240, 17.9865, 20.5959



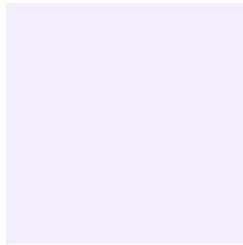
23.9065, 11.9783, 16.7481



2.2665, 1.1303, 1.8268

Previews

White Background



This preview shows how the XYZ color 84.8170, 86.6513, 104.3505 looks on a white background.

Color Contrast Check

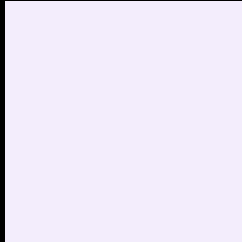
Large Text (above 18pt) WCAG AA × Fail

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 84.8170, 86.6513, 104.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

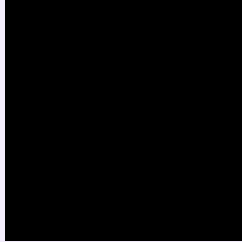
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

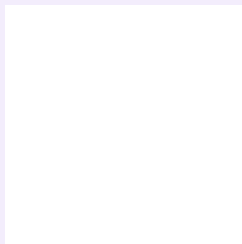
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8170, 86.6513, 104.3505

Background



This preview shows how black text looks on a background with the XYZ color 84.8170, 86.6513, 104.3505.



This preview shows how white text looks on a background with the XYZ color 84.8170, 86.6513,

104.3505.

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

84.8170, 86.6513, 104.3505

Protanopia

84.2393, 86.7662, 105.2362

Deuteranopia

87.9496, 86.5661, 104.1689



Tritanopia

85.2963, 86.8431, 106.8745

Trichromacy



Original Color

84.8170, 86.6513, 104.3505

Protanomaly

84.5798, 86.9417, 105.2521

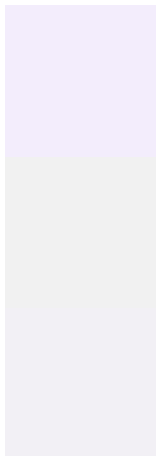
Deuteranomaly

86.7772, 86.3831, 104.1954

Tritanomaly

85.1357, 86.7788, 106.0288

Monochromacy



Original Color

84.8170, 86.6513, 104.3505

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2595, 87.7900, 98.8904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8170, 86.6513, 104.3505 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, 237, 252) looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 252)  
}
```

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, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 84.8170, 86.6513, 104.3505 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, 237, 252) }
```


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

```
.border{ border-color:rgb(243, 237, 252) }
```

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

Here you see how a box with a 4 pixel rgb(243, 237, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8170, 86.6513, 104.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 252) }
```

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

```
.background{ background-color: rgb(243,  
237, 252) }
```

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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