

Converting Colors

XYZ(82.7926, 84.1704,
103.8447)

Have a look what the booklet for
XYZ(82.7926, 84.1704, 103.8447)
contains.

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Color

**XYZ(82.9287, 84.3992,
104.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EAFC
RGB	240, 234, 252
RGB Percent	94%, 92%, 99%
CMY	0.0588, 0.0823, 0.0118
CMYK	0.05, 0.07, 0.00, 0.01
HSL	260°, 75%, 95%
HSV	260°, 7%, 99%
XYZ	82.9287, 84.3992, 104.0153
YIQ	237.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

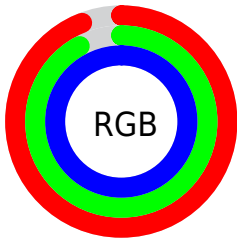
Format	Color
R_{YB}	240, 234, 252
Decimal	15788796
CIE Lab	93.62, 5.26, -7.97
CIE LCh	94, 9.548, 303.440
Yxy	84.3992, 0.3056, 0.3110
Android (android.graphics.Color)	4293978876 (0xFFFF0EAF)
YUV	237.8460, 6.9779, 1.8891
Hunter-Lab	91.8690, 0.3583, -2.8206

Details

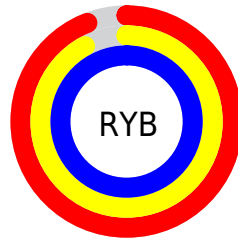
The XYZ color **82.9287, 84.3992, 104.0153** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.6708, 95.1564, 91.5924**, and the grayscale version is **81.1000, 85.3235, 92.9173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5379, 45.9713, 58.1030** is the 20% darker color. If you saturate the color by 10%, you get **70.8163, 68.2534, 101.5385**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3772**.

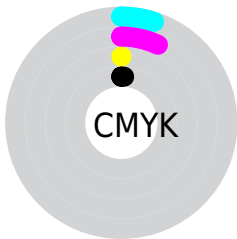
Distribution



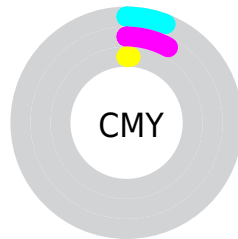
- Red (94%)
- Green (92%)
- Blue (99%)



- Red (94%)
- Yellow (92%)
- Blue (99%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9287, 84.3992, 104.0153 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 82.9287, 84.3992, 104.0153 by changing the saturation by 10% instead.

82.9287, 84.3992,
104.0153

82.9287, 84.3992,
104.0153

493.3364,
509.6379, 594.3471

62.4480, 63.3451,
79.0226

136.4046,
139.5335, 168.7641

45.6518, 46.1204,
58.3930

170.1306,
174.3824, 209.3573

32.1746, 32.3409,
41.7079

209.0025,
214.5984, 255.9877

21.6511, 21.6220,
28.5487

253.3855,
260.5658, 309.0738

13.7159, 13.5794,
18.4971

303.6450,
312.6691, 369.0343

8.0037, 7.8287,
11.1343

360.1464,

4.1492, 3.9855,

371.2926, 436.2877

6.0420

423.2551,
436.8208, 511.2524

■ 1.7869, 1.6655,
2.8014

■ 0.5097, 0.4012,
0.9941

■ 82.9287, 84.3992,
104.0153

■ 82.9287, 84.3992,
104.0153

■ 70.8163, 68.2534,
101.5385

94.5709, 99.8084,
106.3772

■ 60.1930, 54.3240,
99.4098

■ 51.0004, 42.5152,
97.6150

■ 43.1734, 32.7197,
96.1368

■ 36.6414, 24.8209,
94.9564

■ 31.3271, 18.6896,
94.0531

■ 27.1438, 14.1800,
93.4031

■ 23.9918, 11.1215,
92.9789

■ 21.7470, 9.2973,
92.7451

Harmonies

Analogous

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



80.5110, 84.3992, 106.5117



82.9287, 84.3992, 104.0153



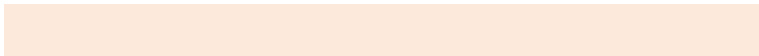
84.6479, 84.3992, 98.2657

Triad

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



82.9287, 84.3992, 104.0153



82.4131, 84.3992, 79.9932



75.4618, 84.3992, 92.7345

Complementary

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



82.9287, 84.3992, 104.0153



87.6708, 95.1564, 91.5924

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.



75.9472, 84.3992, 85.8084



82.9287, 84.3992, 104.0153



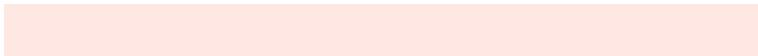
79.9275, 84.3992, 78.6832

Square

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



82.9287, 84.3992, 104.0153



84.3458, 84.3992, 84.4332



77.5688, 84.3992, 80.7574



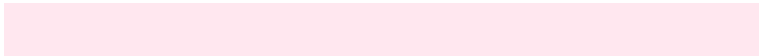
76.2289, 84.3992, 99.7869

Rectangle

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



82.9287, 84.3992, 104.0153



85.1478, 84.3992, 93.4968



77.5688, 84.3992, 80.7574



75.4840, 84.3992, 90.3143

Sweetspot

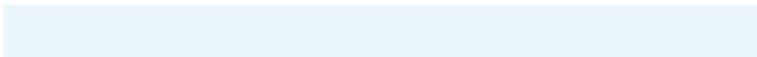
The Sweet Spot groups the original color and five complimentary colors.



82.9312, 84.4028, 104.0172



92.2045, 96.1498, 108.3068



84.5524, 90.6176, 105.1313



19.7654, 20.6204, 23.1883



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.



82.9312, 84.4028, 104.0172



82.7531, 83.4337, 106.3505



85.9562, 85.9623, 104.1587



16.8279, 16.9239, 21.7650



11.1947, 4.7138, 48.2934



1.1442, 0.4919, 4.4778

Inverse Universe

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



86.2052, 86.1987, 99.2875



86.9537, 85.7386, 100.2478



84.6899, 93.6196, 91.4529



17.7328, 17.4205, 20.4485



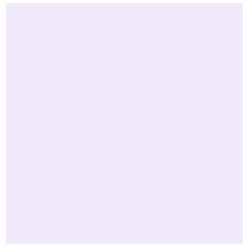
24.6665, 12.2823, 20.7501



2.3337, 1.1572, 2.1807

Previews

White Background



This preview shows how the XYZ color 82.9287, 84.3992, 104.0153 looks on a white background.

Color Contrast Check

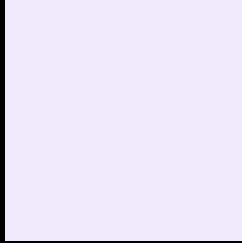
Large Text (above 18pt) WCAG AA × Fail

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 82.9287, 84.3992, 104.0153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

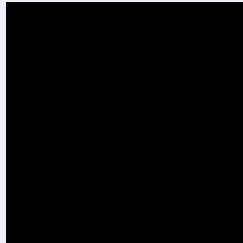
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9287, 84.3992, 104.0153

Background



This preview shows how black text looks on a background with the XYZ color 82.9287, 84.3992, 104.0153.



This preview shows how white text looks on a background with the XYZ color 82.9287, 84.3992,

104.0153.

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

82.9287, 84.3992, 104.0153

Protanopia

82.0300, 84.3414, 104.8846

Deuteranopia

86.1713, 84.3809, 104.6739



Tritanopia

82.9287, 84.3992, 104.0153

Trichromacy



Original Color

82.9287, 84.3992, 104.0153

Protanomaly

82.3630, 84.5130, 104.9002

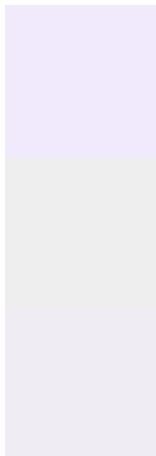
Deuteranomaly

85.0169, 84.2001, 104.6999

Tritanomaly

82.9287, 84.3992, 104.0153

Monochromacy



Original Color

82.9287, 84.3992, 104.0153

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.0585, 85.3902, 96.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9287, 84.3992, 104.0153 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(240, 234, 252) looks like.

```
.text, #text, p{  
    color:rgb(240, 234, 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(240, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 234, 252) }
```

Border

The CSS property to change the border of an element to XYZ 82.9287, 84.3992, 104.0153 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(240, 234, 252) }
```


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

```
.border{ border-color:rgb(240, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 234,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9287, 84.3992, 104.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 234, 252) }
```

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

```
.background{ background-color: rgb(240,  
234, 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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