

Converting Colors

XYZ(88.2456, 93.0586,
103.6714)

Have a look what the booklet for
XYZ(88.2456, 93.0586, 103.6714)
contains.

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Color

**XYZ(88.1723, 92.8361,
103.7145)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7FA
RGB	245, 247, 250
RGB Percent	96%, 97%, 98%
CMY	0.0392, 0.0314, 0.0196
CMYK	0.02, 0.01, 0.00, 0.02
HSL	216°, 33%, 97%
HSV	216°, 2%, 98%
XYZ	88.1723, 92.8361, 103.7145
YIQ	246.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

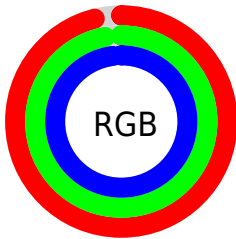
Format	Color
R_{YB}	245, 246, 250
Decimal	16119802
CIE _{Lab}	97.16, -0.12, -1.68
CIE _{LCh}	97, 1.683, 265.879
Yxy	92.8361, 0.3097, 0.3261
Android (android.graphics.Color)	4294309882 (0xFFFF5F7FA)
YUV	246.7440, 1.6052, -1.5295
Hunter-Lab	96.3515, -5.2678, 3.6252

Details

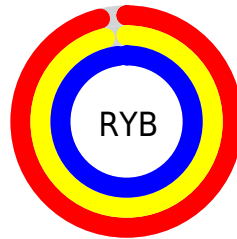
The XYZ color 88.1723, 92.8361, 103.7145 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4734, 94.0505, 99.8255, and the grayscale version is 88.1911, 92.7839, 101.0416.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3547, 51.9755, 58.4699 is the 20% darker color. If you saturate the color by 10%, you get 75.6350, 79.8454, 101.8692, and if you desaturate by 10%, it is 94.2556, 99.6822, 104.7167.

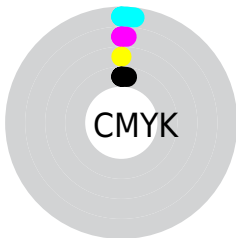
Distribution



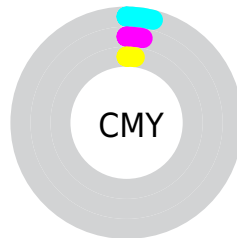
- Red (96%)
- Green (97%)
- Blue (98%)



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



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



- Cyan (4%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1723, 92.8361, 103.7145 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 88.1723, 92.8361, 103.7145 by changing the saturation by 10% instead.

88.1723, 92.8361,
103.7145

88.1723, 92.8361,
103.7145

510.3943,
537.2140, 593.3853

66.7970, 70.3353,
78.7722

143.6883,
151.2717, 168.3487

49.1898, 51.7999,
58.1883

178.5598,
187.9752, 208.8776

34.9852, 36.8456,
41.5443

218.6607,
230.1818, 255.4392

23.8179, 25.0880,
28.4218

264.3564,
278.2758, 308.4519

15.3226, 16.1426,
18.4020

316.0122,
332.6417, 368.3344

9.1339, 9.6251,
11.0666

373.9936,

4.8864, 5.1511,

393.6637, 435.5050

5.9969

438.6658,
461.7264, 510.3825

■ 2.2149, 2.3362,
2.7744

■ 0.7506, 0.7928,
0.9806

■ 88.1723, 92.8361,
103.7145

■ 88.1723, 92.8361,
103.7145

■ 75.6350, 79.8454,
101.8692

■ 94.2556, 99.6822,
104.7167

■ 64.5859, 68.1531,
100.1947

■ 54.9689, 57.7193,
98.6877

■ 46.7208, 48.4979,
97.3425

■ 39.7734, 40.4393,
96.1532

■ 34.0525, 33.4902,
95.1134

■ 29.4754, 27.5923,
94.2162

■ 25.9479, 22.6803,
93.4540

■ 23.3581, 18.6789,
92.8182

Harmonies

Analogous

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



87.7265, 92.8361, 103.2639



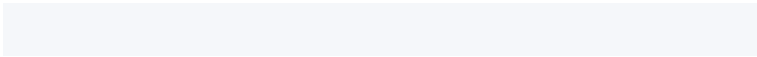
88.1723, 92.8361, 103.7145



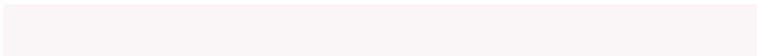
88.6372, 92.8361, 103.4547

Triad

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



88.1723, 92.8361, 103.7145



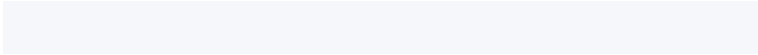
89.0623, 92.8361, 99.9452



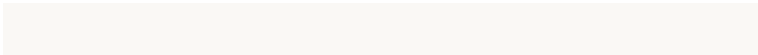
87.4839, 92.8361, 99.6224

Complementary

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



88.1723, 92.8361, 103.7145



89.4734, 94.0505, 99.8255

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.



87.8398, 92.8361, 98.7473



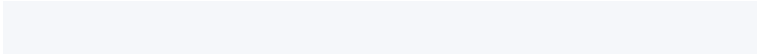
88.1723, 92.8361, 103.7145



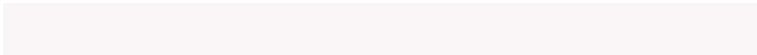
88.7513, 92.8361, 98.9325

Square

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



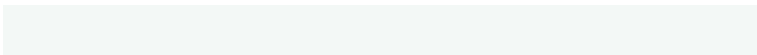
88.1723, 92.8361, 103.7145



89.1521, 92.8361, 101.2708



88.3036, 92.8361, 98.4959



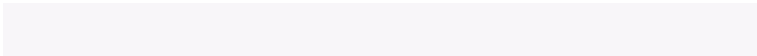
87.3300, 92.8361, 100.8948

Rectangle

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



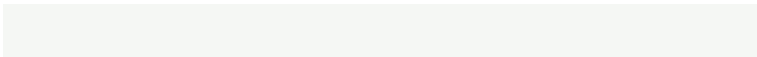
88.1723, 92.8361, 103.7145



88.8953, 92.8361, 102.9149



88.3036, 92.8361, 98.4959



87.5838, 92.8361, 99.2724

Sweetspot

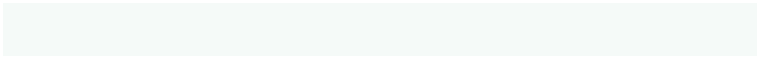
The Sweet Spot groups the original color and five complimentary colors.



88.1749, 92.8401, 103.7165



93.6325, 98.5485, 108.6945



88.7736, 94.5574, 102.3132



20.0562, 21.1088, 23.2673



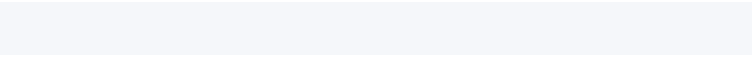
0.0000, 0.0000, 0.0000



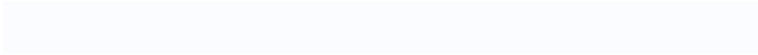
20.3446, 21.4041, 23.3091

Same Dimension

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



88.1749, 92.8401, 103.7165



92.2313, 97.1111, 108.4910



87.7110, 91.6960, 103.5202



18.9278, 19.9284, 22.2343



11.7115, 8.7787, 49.0507



1.1853, 1.0143, 4.5765

Inverse Universe

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



88.8673, 92.3460, 101.1411



92.9563, 96.5938, 105.7940



89.9437, 95.2124, 100.0250



19.0687, 19.8277, 21.7099



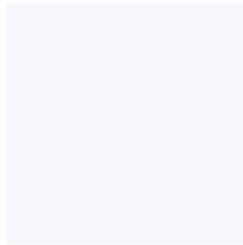
22.2035, 11.2971, 7.7799



2.1072, 1.0666, 0.9880

Previews

White Background



This preview shows how the XYZ color 88.1723, 92.8361, 103.7145 looks on a white background.

Color Contrast Check

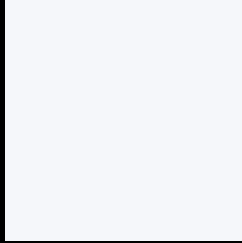
Large Text (above 18pt) WCAG AA × Fail

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 88.1723, 92.8361, 103.7145 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

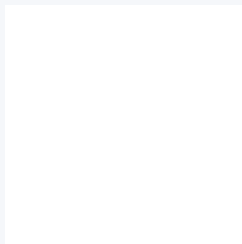
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1723, 92.8361, 103.7145

Background



This preview shows how black text looks on a background with the XYZ color 88.1723, 92.8361, 103.7145.



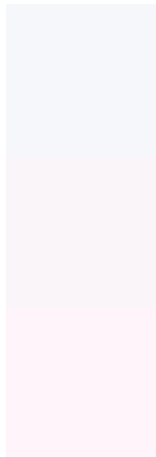
This preview shows how white text looks on a background with the XYZ color 88.1723, 92.8361,

103.7145.

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

88.1723, 92.8361, 103.7145

Protanopia

89.1756, 92.4684, 102.7707

Deuteranopia

90.6896, 92.8009, 102.7550

Tritanopia

89.3635, 92.9057, 107.8304

Trichromacy



Original Color

88.1723, 92.8361, 103.7145

Protanomaly

88.7660, 92.7075, 102.8384

Deuteranomaly

89.5350, 92.6536, 102.7875

Tritanomaly

88.6914, 92.5962, 106.1268

Monochromacy



Original Color

88.1723, 92.8361, 103.7145

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2101, 92.8917, 102.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1723, 92.8361, 103.7145 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(245, 247, 250) looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 250)  
}
```

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(245, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.1723, 92.8361, 103.7145 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(245, 247, 250) }
```


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

```
.border{ border-color:rgb(245, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1723, 92.8361, 103.7145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 250) }
```

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

```
.background{ background-color: rgb(245,  
247, 250) }
```

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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