

Converting Colors

XYZ(87.9456, 92.0827,
103.5347)

Have a look what the booklet for
XYZ(87.9456, 92.0827, 103.5347)
contains.

XYZ(88.2171, 92.4065, 103.6292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(88.2171, 92.4065,
103.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F6FA
RGB	246, 246, 250
RGB Percent	96%, 96%, 98%
CMY	0.0353, 0.0353, 0.0196
CMYK	0.02, 0.02, 0.00, 0.02
HSL	240°, 29%, 97%
HSV	240°, 2%, 98%
XYZ	88.2171, 92.4065, 103.6292
YIQ	246.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

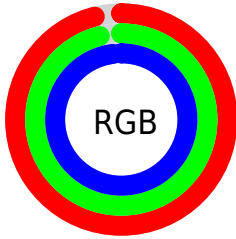
Format	Color
R _Y B	246, 246, 250
Decimal	16185082
CIE Lab	96.99, 0.72, -1.93
CIE LCh	97, 2.055, 290.369
Yxy	92.4065, 0.3103, 0.3251
Android (android.graphics.Color)	4294375162 (0xFFFF6F6FA)
YUV	246.4560, 1.7472, -0.3999
Hunter-Lab	96.1283, -4.4148, 3.3734

Details

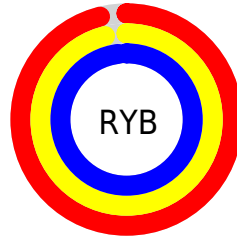
The XYZ color 88.2171, 92.4065, 103.6292 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2446, 95.3479, 100.8376, and the grayscale version is 87.9559, 92.5364, 100.7722.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3863, 51.6691, 58.4091 is the 20% darker color. If you saturate the color by 10%, you get 72.9398, 74.0046, 100.8839, and if you desaturate by 10%, it is 94.2556, 99.6822, 104.7167.

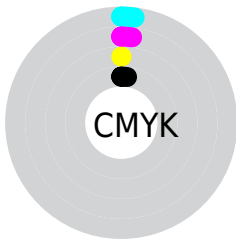
Distribution



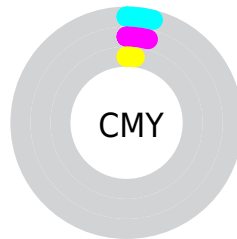
- Red (96%)
- Green (96%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2171, 92.4065, 103.6292 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 88.2171, 92.4065, 103.6292 by changing the saturation by 10% instead.

88.2171, 92.4065,
103.6292

88.2171, 92.4065,
103.6292

510.5387,
535.8284, 593.1124

66.8343, 69.9783,
78.7012

143.7504,
150.6767, 168.2309

49.2202, 51.5089,
58.1303

178.6315,
187.2874, 208.7416

35.0094, 36.6137,
41.4980

218.7427,
229.3945, 255.2836

23.8367, 24.9086,
28.3858

264.4495,
277.3823, 308.2755

15.3366, 16.0089,
18.3751

316.1171,
331.6352, 368.1358

9.1438, 9.5305,
11.0474

374.1110,

4.8930, 5.0888,

392.5376, 435.2830

5.9842

438.7964,
460.4738, 510.1357

■ 2.2187, 2.2994,
2.7668

■ 0.7526, 0.7734,
0.9768

■ 88.2171, 92.4065,
103.6292

■ 88.2171, 92.4065,
103.6292

■ 72.9398, 74.0046,
100.8839

■ 94.2556, 99.6822,
104.7167

■ 59.7741, 58.1446,
98.5165

■ 48.6295, 44.7184,
96.5124

■ 39.4060, 33.6056,
94.8535

■ 31.9951, 24.6757,
93.5205

■ 26.2775, 17.7849,
92.4918

■ 22.1196, 12.7727,
91.7434

■ 19.3678, 9.4542,
91.2479

■ 17.8375, 7.6070,
90.9721

Harmonies

Analogous

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



87.6438, 92.4065, 103.7865



88.2171, 92.4065, 103.6292



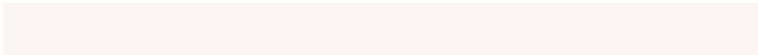
88.6886, 92.4065, 102.6594

Triad

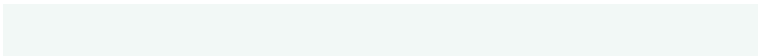
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2171, 92.4065, 103.6292



88.5406, 92.4065, 98.1829



86.7382, 92.4065, 100.0833

Complementary

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



88.2171, 92.4065, 103.6292



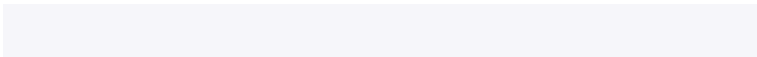
90.2446, 95.3479, 100.8376

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.



86.9762, 92.4065, 98.5979



88.2171, 92.4065, 103.6292



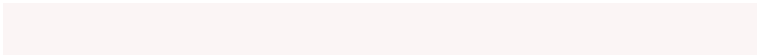
88.0157, 92.4065, 97.5087

Square

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



88.2171, 92.4065, 103.6292



88.8759, 92.4065, 99.5109



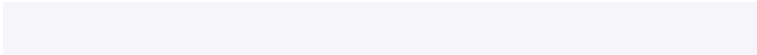
87.4432, 92.4065, 97.6598



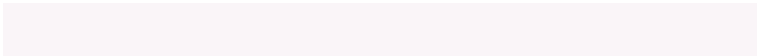
86.7916, 92.4065, 101.7272

Rectangle

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



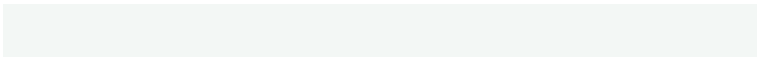
88.2171, 92.4065, 103.6292



88.8808, 92.4065, 101.6884



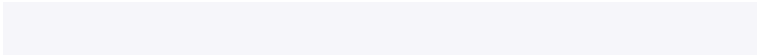
87.4432, 92.4065, 97.6598



86.7867, 92.4065, 99.5492

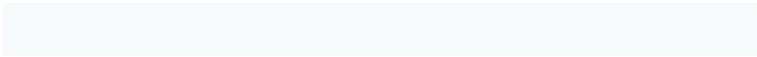
Sweetspot

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



88.2197, 92.4105, 103.6312

95.0500, 100.0000, 108.9000



89.4379, 94.8635, 103.9857



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

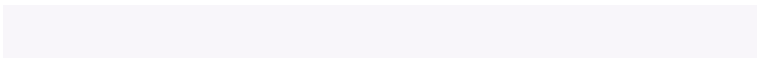
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2197, 92.4105, 103.6312



91.5947, 95.8380, 108.2788



88.9002, 92.7593, 103.6627



18.8039, 19.6807, 22.1930



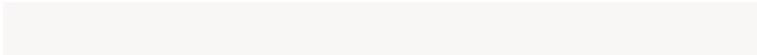
9.1550, 3.6655, 48.1985



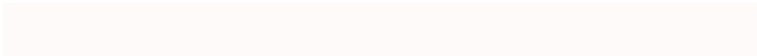
0.8484, 0.3405, 4.4642

Inverse Universe

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



89.0167, 92.8910, 100.4316



92.6350, 96.4653, 104.1020



89.5566, 94.9952, 100.8058



19.0062, 19.8027, 21.3806



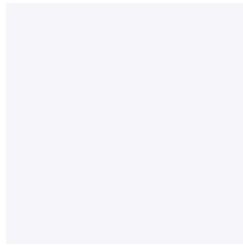
20.9130, 10.7809, 0.9845



1.9372, 0.9986, 0.0925

Previews

White Background



This preview shows how the XYZ color 88.2171, 92.4065, 103.6292 looks on a white background.

Color Contrast Check

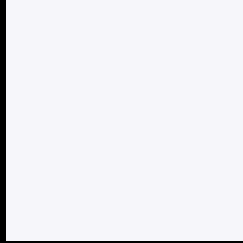
Large Text (above 18pt) WCAG AA × Fail

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 88.2171, 92.4065, 103.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

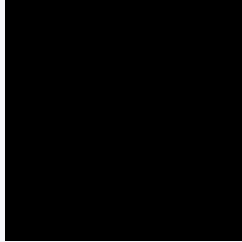
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

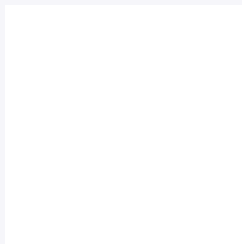
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2171, 92.4065, 103.6292

Background



This preview shows how black text looks on a background with the XYZ color 88.2171, 92.4065, 103.6292.



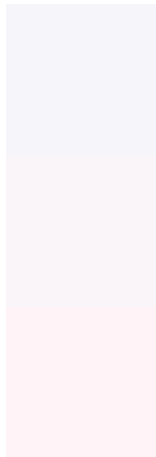
This preview shows how white text looks on a background with the XYZ color 88.2171, 92.4065,

103.6292.

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

88.2171, 92.4065, 103.6292

Protanopia

89.1756, 92.4684, 102.7707

Deuteranopia

90.2339, 92.1385, 101.8356



Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

88.2171, 92.4065, 103.6292

Protanomaly

88.8182, 92.2841, 102.7539

Deuteranomaly

89.5945, 92.2364, 102.7038

Tritanomaly

88.7398, 92.1708, 106.0422

Monochromacy



Original Color

88.2171, 92.4065, 103.6292

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7503, 92.2198, 101.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2171, 92.4065, 103.6292 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(246, 246, 250) looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 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(246, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.2171, 92.4065, 103.6292 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(246, 246, 250) }
```

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

```
.border{ border-color:rgb(246, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
250) }
```


Background

The CSS property to change the background color of an element to XYZ 88.2171, 92.4065, 103.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 250) }
```

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

```
.background{ background-color: rgb(246,  
246, 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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