

Converting Colors

XYZ(88.7060, 92.5275,
105.8201)

Have a look what the booklet for
XYZ(88.7060, 92.5275, 105.8201)
contains.

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Color

**XYZ(88.6914, 92.5962,
106.1268)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F6FD
RGB	246, 246, 253
RGB Percent	96%, 96%, 99%
CMY	0.0353, 0.0353, 0.0078
CMYK	0.03, 0.03, 0.00, 0.01
HSL	240°, 64%, 98%
HSV	240°, 3%, 99%
XYZ	88.6914, 92.5962, 106.1268
YIQ	246.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

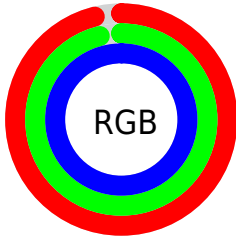
Format	Color
R _Y B	246, 246, 253
Decimal	16185085
CIE Lab	97.06, 1.25, -3.36
CIE LCh	97, 3.587, 290.471
Yxy	92.5962, 0.3086, 0.3222
Android (android.graphics.Color)	4294375165 (0xFFFF6F6FD)
YUV	246.7980, 3.0576, -0.6998
Hunter-Lab	96.2269, -3.8754, 1.9691

Details

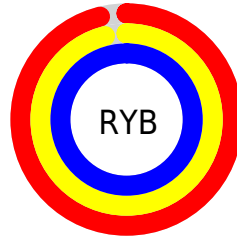
The XYZ color 88.6914, 92.5962, 106.1268 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.2679, 97.7859, 101.2017, and the grayscale version is 88.2235, 92.8180, 101.0788.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6125, 51.7596, 59.6003 is the 20% darker color. If you saturate the color by 10%, you get 73.2406, 73.9827, 103.3498, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2143.

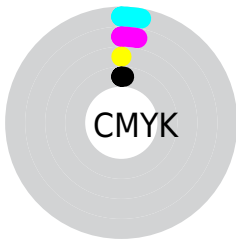
Distribution



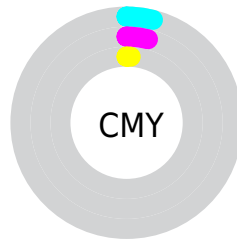
- Red (96%)
- Green (96%)
- Blue (99%)



- Red (96%)
- Yellow (96%)
- Blue (99%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6914, 92.5962, 106.1268 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 88.6914, 92.5962, 106.1268 by changing the saturation by 10% instead.

88.6914, 92.5962,
106.1268

88.6914, 92.5962,
106.1268

512.0663,
536.4405, 601.0759

67.2285, 70.1359,
80.7818

144.4070,
150.9394, 171.6767

49.5417, 51.6374,
59.8319

179.3903,
187.5912, 212.7186

35.2657, 36.7161,
42.8588

219.6113,
229.7422, 259.8299

24.0351, 24.9878,
29.4437

265.4351,
277.7770, 313.4291

15.4845, 16.0679,
19.1683

317.2271,
332.0797, 373.9348

9.2487, 9.5722,
11.6139

375.3528,

4.9621, 5.1163,

393.0350, 441.7654

6.3620

440.1774,
461.0271, 517.3396

■ 2.2596, 2.3156,
2.9941

■ 0.7739, 0.7820,
1.0916

■ 88.6914, 92.5962,
106.1268

■ 88.6914, 92.5962,
106.1268

■ 73.2406, 73.9827,
103.3498

94.7299, 99.8720,
107.2143

■ 59.9521, 57.9730,
100.9600

■ 48.7321, 44.4548,
98.9421

■ 39.4765, 33.3029,
97.2774

■ 32.0725, 24.3812,
95.9455

■ 26.3954, 17.5399,
94.9242

■ 22.3057, 12.6107,
94.1884

■ 19.6419, 9.3994,
93.7089

■ 18.2084, 7.6704,
93.4507

Harmonies

Analogous

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



87.6885, 92.5962, 106.4113



88.6914, 92.5962, 106.1268



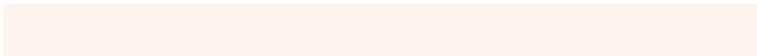
89.5175, 92.5962, 104.4060

Triad

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



88.6914, 92.5962, 106.1268



89.2528, 92.5962, 96.5888



86.1070, 92.5962, 99.9028

Complementary

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



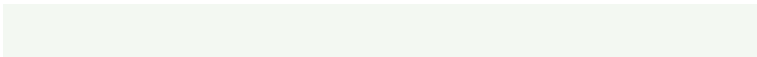
88.6914, 92.5962, 106.1268



92.2679, 97.7859, 101.2017

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.



86.5193, 92.5962, 97.3200



88.6914, 92.5962, 106.1268



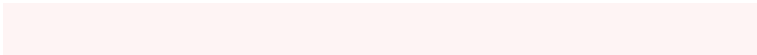
88.3321, 92.5962, 95.4310

Square

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



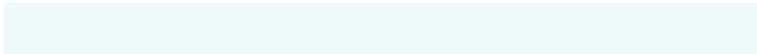
88.6914, 92.5962, 106.1268



89.8434, 92.5962, 98.8873



87.3319, 92.5962, 95.6961



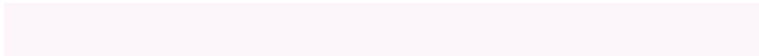
86.2016, 92.5962, 102.7808

Rectangle

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



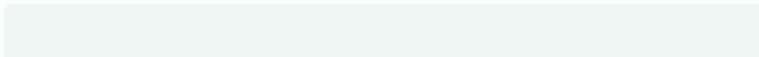
88.6914, 92.5962, 106.1268



89.8544, 92.5962, 102.6938



87.3319, 92.5962, 95.6961



86.1908, 92.5962, 98.9722

Sweetspot

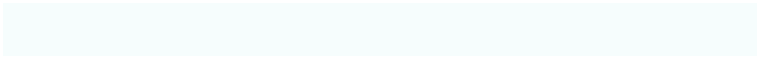
The Sweet Spot groups the original color and five complimentary colors.



88.6941, 92.6002, 106.1288



93.3104, 97.9043, 108.5872



90.8437, 96.9293, 106.7537



19.9906, 20.9776, 23.2454



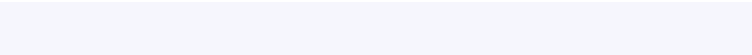
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.6941, 92.6002, 106.1288



89.9006, 93.7964, 107.9740



89.8905, 93.2151, 106.1845



18.9554, 19.7304, 23.0593



9.4327, 3.7750, 49.6661



0.9187, 0.3681, 4.8359

Inverse Universe

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



90.1003, 93.4497, 100.4822



91.4512, 94.7331, 101.7481



91.0483, 97.1591, 101.1450



19.3737, 19.9832, 21.3796



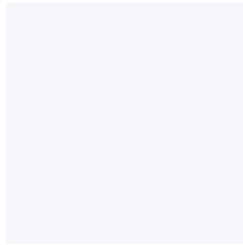
21.5494, 11.1091, 1.0117



2.0983, 1.0817, 0.0993

Previews

White Background



This preview shows how the XYZ color 88.6914, 92.5962, 106.1268 looks on a white background.

Color Contrast Check

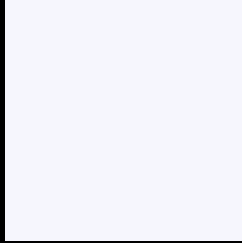
Large Text (above 18pt) WCAG AA × Fail

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 88.6914, 92.5962, 106.1268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

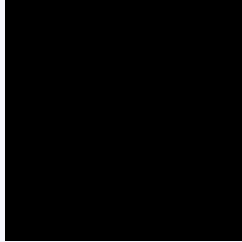
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

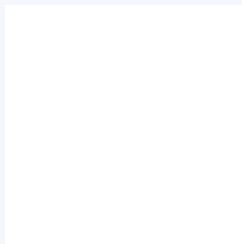
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6914, 92.5962, 106.1268

Background



This preview shows how black text looks on a background with the XYZ color 88.6914, 92.5962, 106.1268.



This preview shows how white text looks on a background with the XYZ color 88.6914, 92.5962,

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**

88.6914, 92.5962, 106.1268

Protanopia

89.2900, 92.4728, 105.2384

Deuteranopia

90.5459, 92.2633, 103.4788

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

88.6914, 92.5962, 106.1268

Protanomaly

88.9345, 92.2895, 105.2218

Deuteranomaly

89.9082, 92.3618, 104.3557

Tritanomaly

88.8996, 92.2347, 106.8835

Monochromacy



Original Color

88.6914, 92.5962, 106.1268

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.7174, 93.1352, 102.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6914, 92.5962, 106.1268 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, 253) looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.6914, 92.5962, 106.1268 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, 253) }
```


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

```
.border{ border-color:rgb(246, 246, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 253);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6914, 92.5962, 106.1268 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, 253) }
```

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

```
.background{ background-color: rgb(246,  
246, 253) }
```

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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