

Converting Colors

XYZ(88.6041, 92.2826,
101.7775)

Have a look what the booklet for
XYZ(88.6041, 92.2826, 101.7775)
contains.

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Color

**XYZ(88.6626, 92.2219,
101.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F5F8
RGB	249, 245, 248
RGB Percent	98%, 96%, 97%
CMY	0.0235, 0.0392, 0.0274
CMYK	0.00, 0.02, 0.00, 0.02
HSL	315°, 25%, 97%
HSV	315°, 2%, 98%
XYZ	88.6626, 92.2219, 101.9345
YIQ	246.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

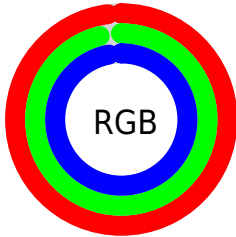
Format	Color
R _Y B	249, 245, 248
Decimal	16381432
CIE Lab	96.91, 1.86, -0.98
CIE LCh	97, 2.101, 332.263
Yxy	92.2219, 0.3135, 0.3261
Android (android.graphics.Color)	4294571512 (0xFF9F5F8)
YUV	246.5380, 0.7208, 2.1592
Hunter-Lab	96.0322, -3.2547, 4.2885

Details

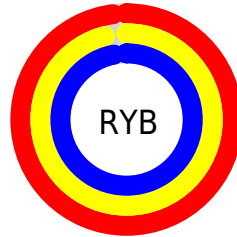
The XYZ color 88.6626, 92.2219, 101.9345 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.1699, 93.8200, 100.6555, and the grayscale version is 88.0289, 92.6132, 100.8558.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7043, 51.5384, 57.1974 is the 20% darker color. If you saturate the color by 10%, you get 80.6810, 77.7790, 94.5843, and if you desaturate by 10%, it is 92.7542, 98.8307, 108.1491.

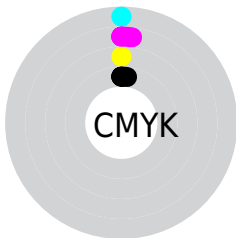
Distribution



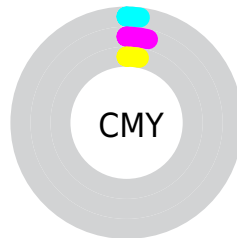
- Red (98%)
- Green (96%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6626, 92.2219, 101.9345 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 88.6626, 92.2219, 101.9345 by changing the saturation by 10% instead.

88.6626, 92.2219,
101.9345

88.6626, 92.2219,
101.9345

511.9737,
535.2324, 587.6768

67.2046, 69.8249,
77.2912

144.3671,
150.4209, 165.8881

49.5222, 51.3838,
56.9789

179.3443,
186.9917, 206.0355

35.2501, 36.5142,
40.5791

219.5585,
229.0560, 252.1881

24.0230, 24.8316,
27.6731

265.3752,
276.9981, 304.7643

15.4755, 15.9516,
17.8425

317.1598,
331.2024, 364.1828

9.2423, 9.4899,
10.6687

375.2774,

4.9579, 5.0621,

392.0532, 430.8620

5.7332

440.0936,
459.9351, 505.2204

■ 2.2571, 2.2837,
2.6174

■ 0.7726, 0.7651,
0.9014

■ 88.6626, 92.2219,
101.9345

■ 88.6626, 92.2219,
101.9345

■ 80.6810, 77.7790,
94.5843

■ 92.7542, 98.8307,
108.1491

■ 73.7022, 65.2919,
87.7246

■ 92.8775, 98.8800,
108.7983

■ 67.6855, 54.6785,
81.3412

■ 62.5846, 45.8468,
75.4174

■ 58.3492, 38.6966,
69.9345

■ 54.9240, 33.1177,
64.8728

■ 52.2472, 28.9871,
60.2097

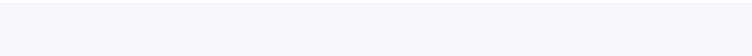
■ 50.2475, 26.1631,
55.9201

■ 48.8396, 24.4751,
51.9737

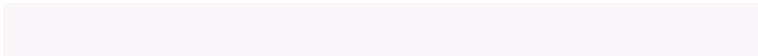
Harmonies

Analogous

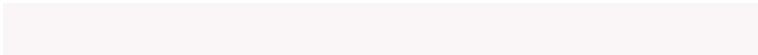
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2614, 92.2219, 103.1879



88.6626, 92.2219, 101.9345



88.7932, 92.2219, 100.2857

Triad

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



88.6626, 92.2219, 101.9345



87.6093, 92.2219, 97.2007



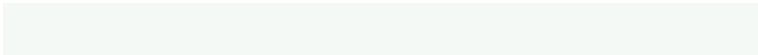
86.6979, 92.2219, 102.1592

Complementary

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



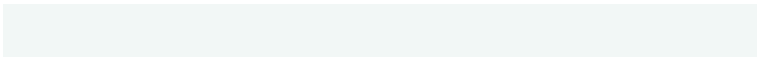
88.6626, 92.2219, 101.9345



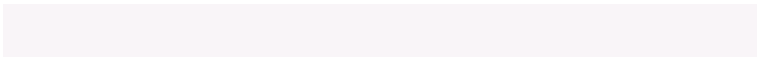
88.1699, 93.8200, 100.6555

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.



86.5249, 92.2219, 100.5424



88.6626, 92.2219, 101.9345



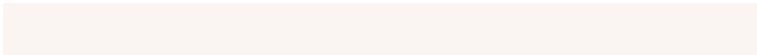
87.0497, 92.2219, 97.6902

Square

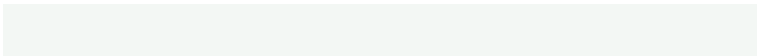
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6626, 92.2219, 101.9345



88.1835, 92.2219, 97.5642



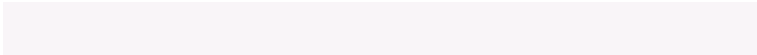
86.6534, 92.2219, 98.9086



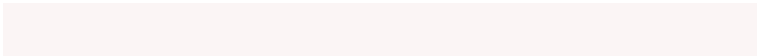
87.1269, 92.2219, 103.3187

Rectangle

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



88.6626, 92.2219, 101.9345



88.7088, 92.2219, 99.1875



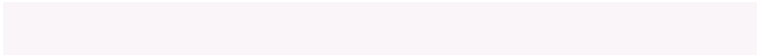
86.6534, 92.2219, 98.9086



86.6079, 92.2219, 101.6505

Sweetspot

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



88.6652, 92.2259, 101.9365

95.0500, 100.0000, 108.9000



87.7611, 91.7418, 102.7062



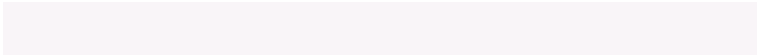
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

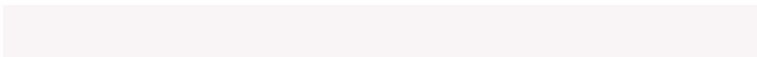
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6652, 92.2259, 101.9365



93.2397, 96.7072, 107.2862



88.3570, 92.1026, 100.3134



19.1239, 19.8498, 22.0001



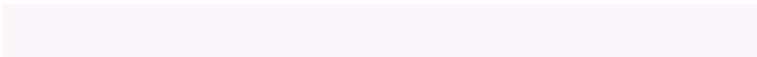
25.7554, 12.7179, 26.4839



2.4277, 1.1948, 2.6756

Inverse Universe

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



88.6652, 92.2259, 101.9365



93.2397, 96.7072, 107.2862



88.4781, 93.9433, 102.2787



19.1239, 19.8498, 22.0001



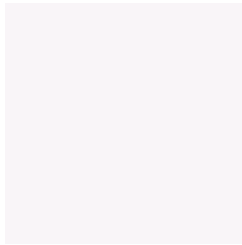
25.7554, 12.7179, 26.4839



2.4277, 1.1948, 2.6756

Previews

White Background



This preview shows how the XYZ color 88.6626, 92.2219, 101.9345 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 88.6626, 92.2219, 101.9345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

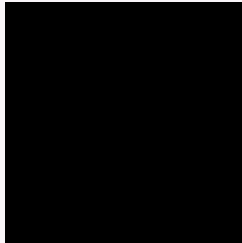
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

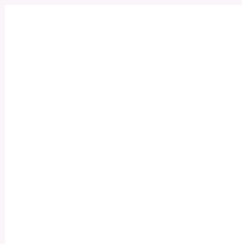
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6626, 92.2219, 101.9345

Background



This preview shows how black text looks on a background with the XYZ color 88.6626, 92.2219, 101.9345.



This preview shows how white text looks on a background with the XYZ color 88.6626, 92.2219,

101.9345.

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

88.6626, 92.2219, 101.9345

Protanopia

89.0200, 92.4061, 101.9512

Deuteranopia

90.0791, 92.0766, 101.0206

Tritanopia

89.4676, 92.0611, 107.6619

Trichromacy



Original Color

88.6626, 92.2219, 101.9345

Protanomaly

89.0200, 92.4061, 101.9512

Deuteranomaly

89.6472, 92.2994, 101.0863

Tritanomaly

88.9883, 91.8694, 105.1378

Monochromacy



Original Color

88.6626, 92.2219, 101.9345

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4557, 92.5834, 101.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6626, 92.2219, 101.9345 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(249, 245, 248) looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 248)  
}
```

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(249, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.6626, 92.2219, 101.9345 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(249, 245, 248) }
```

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

```
.border{ border-color:rgb(249, 245, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 88.6626, 92.2219, 101.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 248) }
```

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

```
.background{ background-color: rgb(249,  
245, 248) }
```

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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