

Converting Colors

XYZ(89.4959, 91.7306,
101.0935)

Have a look what the booklet for
XYZ(89.4959, 91.7306, 101.0935)
contains.

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Color

**XYZ(89.3471, 91.6992,
100.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF3F7
RGB	253, 243, 247
RGB Percent	99%, 95%, 97%
CMY	0.0078, 0.0470, 0.0314
CMYK	0.00, 0.04, 0.02, 0.01
HSL	336°, 71%, 97%
HSV	336°, 4%, 99%
XYZ	89.3471, 91.6992, 100.9863
YIQ	246.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

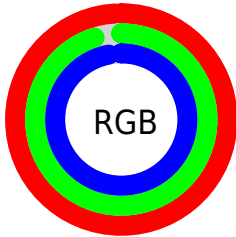
Format	Color
R _Y B	253, 243, 247
Decimal	16643063
CIE Lab	96.70, 4.03, -0.74
CIE LCh	97, 4.101, 349.639
Yxy	91.6992, 0.3168, 0.3251
Android (android.graphics.Color)	4294833143 (0xFFFD3F7)
YUV	246.4460, 0.2731, 5.7479
Hunter-Lab	95.7597, -1.0328, 4.5057

Details

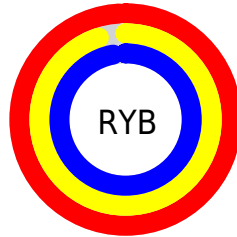
The XYZ color 89.3471, 91.6992, 100.9863 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.1898, 96.1472, 103.4847, and the grayscale version is 87.9559, 92.5364, 100.7722.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.9392, 51.0380, 56.5095 is the 20% darker color. If you saturate the color by 10%, you get 80.0430, 76.6890, 86.7901, and if you desaturate by 10%, it is 94.3186, 99.6229, 108.8658.

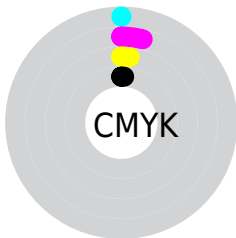
Distribution



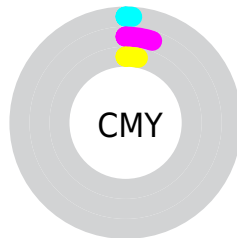
- Red (99%)
- Green (95%)
- Blue (97%)



- Red (99%)
- Yellow (95%)
- Blue (97%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.3471, 91.6992, 100.9863 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 89.3471, 91.6992, 100.9863 by changing the saturation by 10% instead.


 89.3471, 91.6992,
100.9863

 89.3471, 91.6992,
100.9863


514.1743,
533.5429, 584.6239

 67.7737, 69.3908,
76.5030


145.3141,
149.6964, 164.5756

 49.9867, 51.0301,
56.3360


180.4385,
186.1541, 204.5187

 35.6206, 36.2325,
40.0665

220.8106,
228.0969, 250.4522

 24.3101, 24.6138,
27.2762

266.7958,
275.9093, 302.7946

 15.6898, 15.7896,
17.5465

318.7594,
329.9757, 361.9644

 9.3943, 9.3754,
10.4589

377.0668,

 5.0584, 4.9868,

390.6806, 428.3802

5.5947

442.0833,
458.4081, 502.4605

■ 2.3167, 2.2395,
2.5355

■ 0.8032, 0.7414,
0.8589

■ 89.3471, 91.6992,
100.9863

■ 89.3471, 91.6992,
100.9863

■ 80.0430, 76.6890,
86.7901

94.3186, 99.6229,
108.8658

■ 71.9235, 63.7510,
73.9072

■ 64.9414, 52.7969,
62.2996

■ 59.0428, 43.7271,
51.9255

■ 54.1697, 36.4334,
42.7401

■ 50.2581, 30.7965,
34.6961

■ 47.2364, 26.6823,
27.7417

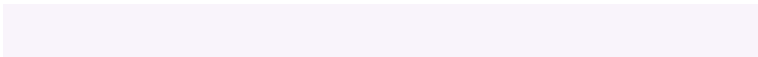
■ 45.0223, 23.9354,
21.8204

■ 43.5159, 22.3661,
16.8680

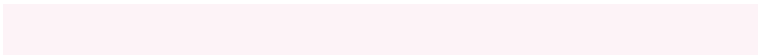
Harmonies

Analogous

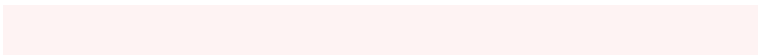
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8504, 91.6992, 103.9956



89.3471, 91.6992, 100.9863



89.2532, 91.6992, 97.7349

Triad

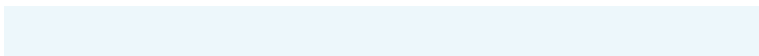
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3471, 91.6992, 100.9863



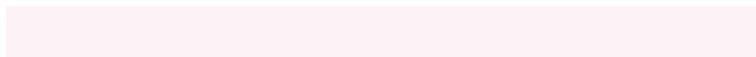
86.4175, 91.6992, 94.0076



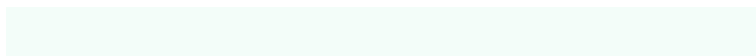
85.7354, 91.6992, 104.7404

Complementary

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



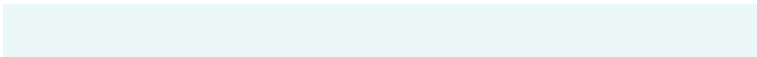
89.3471, 91.6992, 100.9863



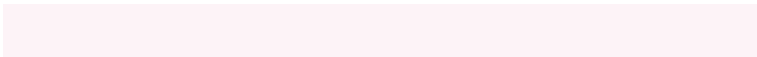
89.1898, 96.1472, 103.4847

Split Complementary

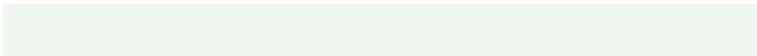
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0946, 91.6992, 101.9849



89.3471, 91.6992, 100.9863



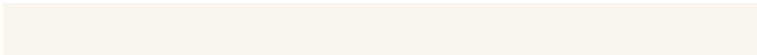
85.4859, 91.6992, 95.8060

Square

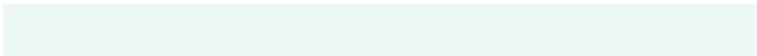
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



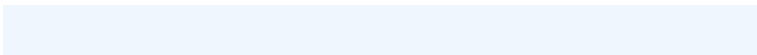
89.3471, 91.6992, 100.9863



87.5550, 91.6992, 93.7536



85.0037, 91.6992, 98.7120



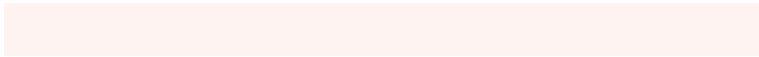
86.7609, 91.6992, 106.1944

Rectangle

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



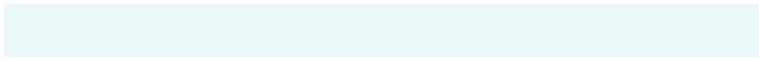
89.3471, 91.6992, 100.9863



88.8685, 91.6992, 95.8654



85.0037, 91.6992, 98.7120



85.4683, 91.6992, 103.9329

Sweetspot

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



89.3497, 91.7032, 100.9883



93.9964, 98.2856, 107.3379



88.8503, 91.3370, 105.8767



20.1302, 21.0552, 22.9912



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.



89.3497, 91.7032, 100.9883



89.9087, 91.6500, 101.2281



89.0395, 92.0590, 97.8750



19.0949, 19.3752, 21.4421



22.8691, 11.6369, 7.9610



2.2789, 1.1539, 1.0499

Inverse Universe

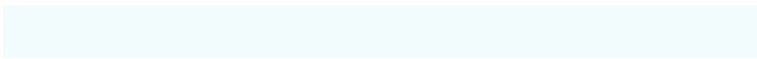
The Inverse Universe completely reimagines the original color for something new.



89.3497, 91.7032, 100.9883



89.9087, 91.6500, 101.2281



89.5051, 95.7697, 106.6978



19.0949, 19.3752, 21.4421



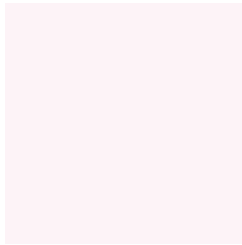
22.8691, 11.6369, 7.9610



2.2789, 1.1539, 1.0499

Previews

White Background



This preview shows how the XYZ color 89.3471, 91.6992, 100.9863 looks on a white background.

Color Contrast Check

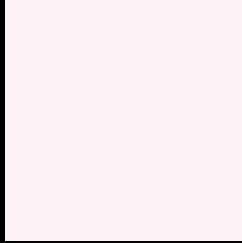
Large Text (above 18pt) WCAG AA × Fail

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 89.3471, 91.6992, 100.9863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

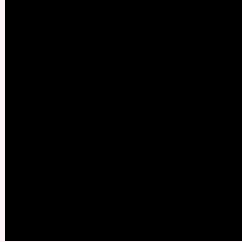
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

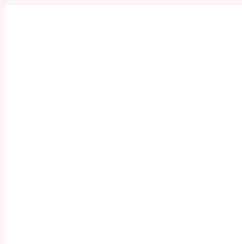
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.3471, 91.6992, 100.9863

Background



This preview shows how black text looks on a background with the XYZ color 89.3471, 91.6992, 100.9863.



This preview shows how white text looks on a background with the XYZ color 89.3471, 91.6992,

100.9863.

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

89.3471, 91.6992, 100.9863

Protanopia

88.3609, 91.6184, 101.8339

Deuteranopia

89.7806, 91.4797, 100.9211



Tritanopia

90.2455, 92.0166, 107.6123

Trichromacy



Original Color

89.3471, 91.6992, 100.9863

Protanomaly

88.7183, 91.8027, 101.8507

Deuteranomaly

89.4137, 91.2905, 100.9039

Tritanomaly

89.7662, 91.8249, 105.0883

Monochromacy



Original Color

89.3471, 91.6992, 100.9863

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.3539, 92.0984, 100.3088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.3471, 91.6992, 100.9863 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(253, 243, 247) looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 247)  
}
```

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(253, 243, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 247) }
```

Border

The CSS property to change the border of an element to XYZ 89.3471, 91.6992, 100.9863 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(253, 243, 247) }
```


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

```
.border{ border-color:rgb(253, 243, 247) }
```

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

Here you see how a box with a 4 pixel rgb(253, 243, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 243, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 243, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 243,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3471, 91.6992, 100.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 247) }
```

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

```
.background{ background-color: rgb(253,  
243, 247) }
```

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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