

Converting Colors

XYZ(85.7153, 83.3972,
101.2021)

Have a look what the booklet for
XYZ(85.7153, 83.3972, 101.2021)
contains.

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Color

**XYZ(85.7153, 83.3972,
101.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE4F9
RGB	254, 228, 249
RGB Percent	100%, 89%, 98%
CMY	0.0039, 0.1059, 0.0235
CMYK	0.00, 0.10, 0.02, 0.00
HSL	312°, 93%, 95%
HSV	312°, 10%, 100%
XYZ	85.7153, 83.3972, 101.2021
YIQ	238.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

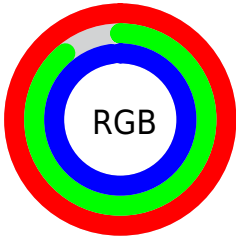
Format	Color
R _Y B	254, 228, 249
Decimal	16704761
CIE Lab	93.19, 12.43, -6.93
CIE LCh	93, 14.231, 330.874
Yxy	83.3972, 0.3171, 0.3085
Android (android.graphics.Color)	4294894841 (0xFFEE4F9)
YUV	238.1680, 5.3402, 13.8847
Hunter-Lab	91.3221, 7.7273, -1.7791

Details

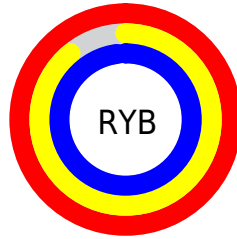
The XYZ color **85.7153, 83.3972, 101.2021** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1479, 93.2630, 90.7671**, and the grayscale version is **81.3554, 85.5922, 93.2099**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5952, 45.6077, 56.7467** is the 20% darker color. If you saturate the color by 10%, you get **78.4833, 70.1357, 95.0814**, and if you desaturate by 10%, it is **93.9985, 98.7269, 107.7729**.

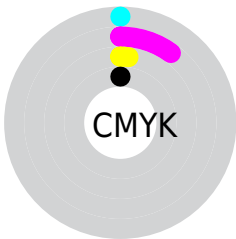
Distribution



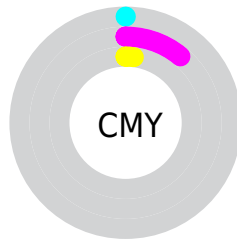
- Red (100%)
- Green (89%)
- Blue (98%)



- Red (100%)
- Yellow (89%)
- Blue (98%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7153, 83.3972, 101.2021 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 85.7153, 83.3972, 101.2021 by changing the saturation by 10% instead.


 85.7153, 83.3972,
101.2021

 85.7153, 83.3972,
101.2021


502.4401,
506.3093, 585.3194

 64.7571, 62.5179,
76.6824


140.2810,
138.1316, 164.8744

 47.5281, 45.4513,
56.4822


174.6192,
172.7555, 204.8641

 33.6630, 31.8130,
40.1831

214.1480,
212.7297, 250.8475

 22.7965, 21.2187,
27.3665

259.2329,
258.4387, 303.2432

 14.5632, 13.2840,
17.6138

310.2392,
310.2667, 362.4697

 8.5977, 7.6244,
10.5065

367.5323,

 4.5347, 3.8556,

368.5982, 428.9455

5.6261

431.4774,
433.8176, 503.0893

■ 2.0089, 1.5931,
2.5540

■ 0.6389, 0.3529,
0.8686

■ 85.7153, 83.3972,
101.2021

■ 85.7153, 83.3972,
101.2021

■ 78.4833, 70.1357,
95.0814

■ 93.9985, 98.7269,
107.7729

■ 72.2505, 58.8423,
89.3898

■ 94.6836, 99.8111,
108.8829

■ 66.9712, 49.4249,
84.1124

■ 62.5935, 41.7796,
79.2310

■ 59.0604, 35.7925,
74.7259

■ 56.3080, 31.3366,
70.5751

■ 54.2635, 28.2661,
66.7536

■ 52.8397, 26.4071,
63.2314

■ 51.9108, 25.4860,
60.0341

Harmonies

Analogous

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



83.0140, 83.3972, 109.6522



85.7153, 83.3972, 101.2021



86.6759, 83.3972, 90.4915

Triad

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



85.7153, 83.3972, 101.2021



79.1569, 83.3972, 71.7316



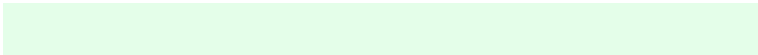
73.2536, 83.3972, 101.7882

Complementary

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



85.7153, 83.3972, 101.2021



82.1479, 93.2630, 90.7671

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.



72.2919, 83.3972, 91.1199



85.7153, 83.3972, 101.2021



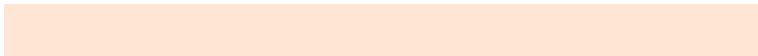
75.6336, 83.3972, 74.2522

Square

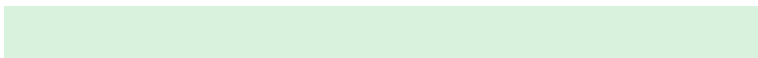
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



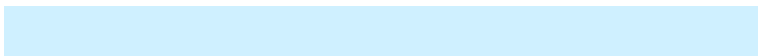
85.7153, 83.3972, 101.2021



82.8182, 83.3972, 73.9778



73.1496, 83.3972, 81.1463



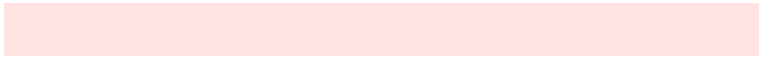
75.8179, 83.3972, 110.0089

Rectangle

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



85.7153, 83.3972, 101.2021



86.1768, 83.3972, 83.6635



73.1496, 83.3972, 81.1463



72.7359, 83.3972, 98.3426

Sweetspot

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



85.7177, 83.4008, 101.2039



92.4219, 95.1214, 106.8597



79.1645, 79.9312, 105.0230



19.6353, 20.0878, 22.7572



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.



85.7177, 83.4008, 101.2039



85.1200, 81.6333, 100.9866



83.7935, 82.6311, 91.0712



18.6340, 18.2369, 21.9560



27.4204, 13.4574, 31.9277



2.7065, 1.3250, 3.3018

Inverse Universe

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



85.7177, 83.4008, 101.2039



85.1200, 81.6333, 100.9866



84.0382, 94.0191, 100.7216



18.6340, 18.2369, 21.9560



27.4204, 13.4574, 31.9277



2.7065, 1.3250, 3.3018

Previews

White Background



This preview shows how the XYZ color 85.7153, 83.3972, 101.2021 looks on a white background.

Color Contrast Check

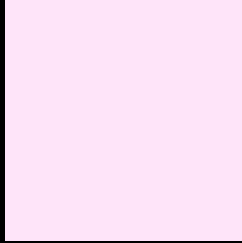
Large Text (above 18pt) WCAG AA × Fail

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 85.7153, 83.3972, 101.2021 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 85.7153, 83.3972, 101.2021

Background



This preview shows how black text looks on a background with the XYZ color 85.7153, 83.3972, 101.2021.

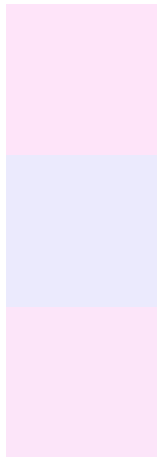


This preview shows how white text looks on a background with the XYZ color 85.7153, 83.3972,

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

85.7153, 83.3972, 101.2021

Protanopia

81.4134, 83.5997, 104.7739

Deuteranopia

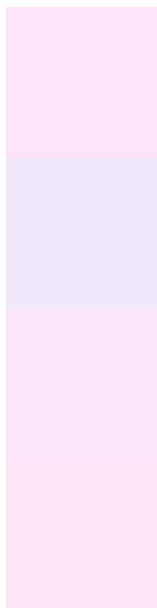
85.2631, 83.5736, 101.2600



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

85.7153, 83.3972, 101.2021

Protanomaly

83.0452, 83.6187, 103.8585

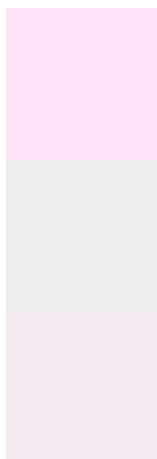
Deuteranomaly

85.6262, 83.7608, 101.2770

Tritanomaly

85.4050, 83.2730, 99.5677

Monochromacy



Original Color

85.7153, 83.3972, 101.2021

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.7581, 84.4895, 95.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7153, 83.3972, 101.2021 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(254, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 249)  
}
```

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(254, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.7153, 83.3972, 101.2021 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(254, 228, 249) }
```


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

```
.border{ border-color:rgb(254, 228, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7153, 83.3972, 101.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 249) }
```

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

```
.background{ background-color: rgb(254,  
228, 249) }
```

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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