

Converting Colors

XYZ(85.6262, 83.7608,
101.2770)

Have a look what the booklet for
XYZ(85.6262, 83.7608, 101.2770)
contains.

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Color

**XYZ(85.6262, 83.7608,
101.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE5F9
RGB	253, 229, 249
RGB Percent	99%, 90%, 98%
CMY	0.0078, 0.1019, 0.0235
CMYK	0.00, 0.09, 0.02, 0.01
HSL	310°, 86%, 95%
HSV	310°, 9%, 99%
XYZ	85.6262, 83.7608, 101.2770
YIQ	238.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

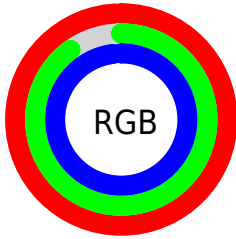
Format	Color
R _Y B	253, 229, 249
Decimal	16639481
CIE Lab	93.35, 11.58, -6.70
CIE LCh	93, 13.381, 329.944
Yxy	83.7608, 0.3164, 0.3095
Android (android.graphics.Color)	4294829561 (0xFFFDE5F9)
YUV	238.4560, 5.1982, 12.7551
Hunter-Lab	91.5209, 6.8415, -1.5456

Details

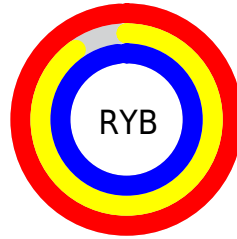
The XYZ color **85.6262, 83.7608, 101.2770** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1496, 92.7941, 90.6765**, and the grayscale version is **81.5801, 85.8286, 93.4674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5266, 45.8581, 56.7987** is the 20% darker color. If you saturate the color by 10%, you get **78.4800, 70.5083, 95.6865**, and if you desaturate by 10%, it is **93.8121, 99.0667, 107.2889**.

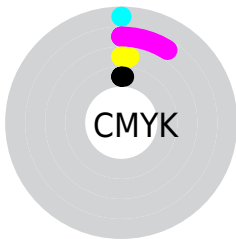
Distribution



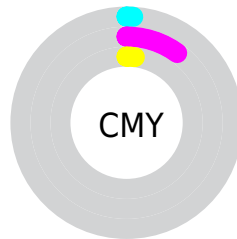
- Red (99%)
- Green (90%)
- Blue (98%)



- Red (99%)
- Yellow (90%)
- Blue (98%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6262, 83.7608, 101.2770 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 85.6262, 83.7608, 101.2770 by changing the saturation by 10% instead.


 85.6262, 83.7608,
101.2770

 85.6262, 83.7608,
101.2770


502.1504,
507.5186, 585.5607

 64.6832, 62.8180,
76.7446

140.1573,
138.6405, 164.9781

 47.4679, 45.6940,
56.5330


174.4760,
173.3462, 204.9840

 33.6152, 32.0044,
40.2236

213.9840,
213.4083, 250.9847

 22.7597, 21.3649,
27.3978

259.0466,
259.2112, 303.3989

 14.5359, 13.3910,
17.6371

310.0292,
311.1392, 362.6450

 8.5785, 7.6983,
10.5230

367.2971,

 4.5222, 3.9025,

369.5769, 429.1417

5.6370

431.2157,
434.9086, 503.3074

■ 2.0016, 1.6192,
2.5604

■ 0.6348, 0.3705,
0.8719

■ 85.6262, 83.7608,
101.2770

■ 85.6262, 83.7608,
101.2770

■ 78.4800, 70.5083,
95.6865

■ 93.8121, 99.0667,
107.2889

■ 72.3223, 59.2103,
90.4969

■ 94.3186, 99.6229,
108.8658

■ 67.1082, 49.7763,
85.6938

■ 62.7866, 42.1042,
81.2596

■ 59.3014, 36.0819,
77.1752

■ 56.5902, 31.5848,
73.4192

■ 54.5817, 28.4702,
69.9674

■ 53.1909, 26.5685,
66.7911

■ 52.2861, 25.6166,
63.8456

Harmonies

Analogous

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



83.0447, 83.7608, 109.0839



85.6262, 83.7608, 101.2770



86.5869, 83.7608, 91.2204

Triad

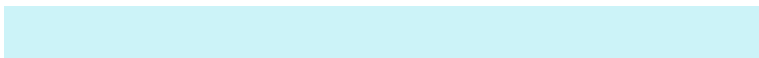
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6262, 83.7608, 101.2770



79.6188, 83.7608, 73.1282



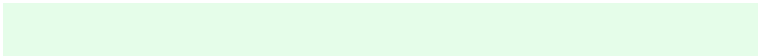
73.8801, 83.7608, 101.2415

Complementary

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



85.6262, 83.7608, 101.2770



82.1496, 92.7941, 90.6765

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.



73.0224, 83.7608, 91.1821



85.6262, 83.7608, 101.2770



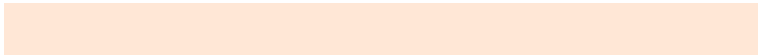
76.2754, 83.7608, 75.3883

Square

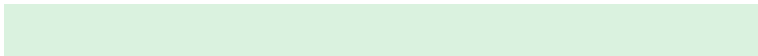
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6262, 83.7608, 101.2770



83.0566, 83.7608, 75.4051



73.8865, 83.7608, 81.8170



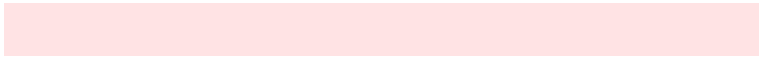
76.2642, 83.7608, 109.0624

Rectangle

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



85.6262, 83.7608, 101.2770



86.1575, 83.7608, 84.7367



73.8865, 83.7608, 81.8170



73.4069, 83.7608, 97.9865

Sweetspot

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



85.6286, 83.7644, 101.2788



92.4532, 95.1339, 107.0249



79.3567, 80.4583, 104.2773



19.6438, 20.0912, 22.8019



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

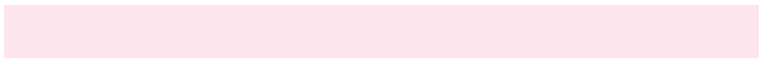
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6286, 83.7644, 101.2788



86.0016, 83.0933, 102.2150



83.8162, 83.0395, 91.7348



18.6550, 18.2453, 22.0662



27.8389, 13.6248, 34.1316



2.7436, 1.3398, 3.4970

Inverse Universe

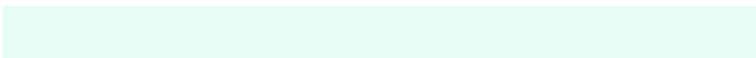
The Inverse Universe completely reimagines the original color for something new.



85.6286, 83.7644, 101.2788



86.0016, 83.0933, 102.2150



83.9226, 93.5033, 100.0133



18.6550, 18.2453, 22.0662



27.8389, 13.6248, 34.1316



2.7436, 1.3398, 3.4970

Previews

White Background



This preview shows how the XYZ color 85.6262, 83.7608, 101.2770 looks on a white background.

Color Contrast Check

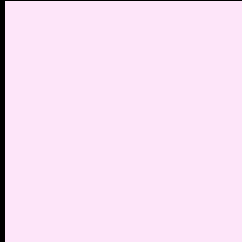
Large Text (above 18pt) WCAG AA × Fail

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 85.6262, 83.7608, 101.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

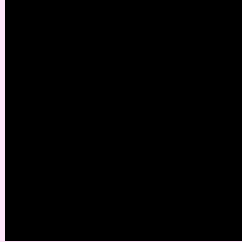
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6262, 83.7608, 101.2770

Background



This preview shows how black text looks on a background with the XYZ color 85.6262, 83.7608, 101.2770.



This preview shows how white text looks on a background with the XYZ color 85.6262, 83.7608,

101.2770.

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

85.6262, 83.7608, 101.2770

Protanopia

81.5400, 84.1071, 104.0321

Deuteranopia

85.6262, 83.7608, 101.2770



Tritanopia

85.3158, 83.6367, 99.6426

Trichromacy



Original Color

85.6262, 83.7608, 101.2770

Protanomaly

83.1694, 84.1201, 103.1201

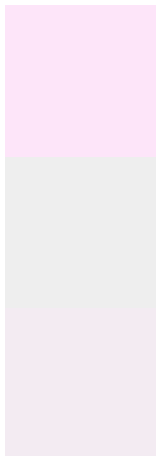
Deuteranomaly

85.6262, 83.7608, 101.2770

Tritanomaly

85.4706, 83.6986, 100.4576

Monochromacy



Original Color

85.6262, 83.7608, 101.2770

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.6975, 84.8822, 96.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6262, 83.7608, 101.2770 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, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(253, 229, 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(253, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 229, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.6262, 83.7608, 101.2770 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, 229, 249) }
```


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

```
.border{ border-color:rgb(253, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(253, 229,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6262, 83.7608, 101.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 229, 249) }
```

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

```
.background{ background-color: rgb(253,  
229, 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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