

Converting Colors

XYZ(85.1631, 83.2211, 96.3715)

Have a look what the booklet for
XYZ(85.1631, 83.2211, 96.3715)
contains.

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Color

**XYZ(85.1611, 83.2179,
96.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4F3
RGB	255, 228, 243
RGB Percent	100%, 89%, 95%
CMY	0.0000, 0.1059, 0.0471
CMYK	0.00, 0.11, 0.05, 0.00
HSL	327°, 100%, 95%
HSV	327°, 11%, 100%
XYZ	85.1611, 83.2179, 96.3682
YIQ	237.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

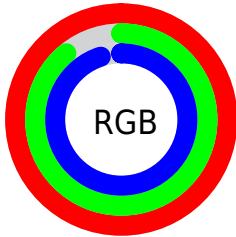
Format	Color
R_{YB}	255, 228, 243
Decimal	16770291
CIE _{Lab}	93.11, 11.73, -3.90
CIE _{LCh}	93, 12.358, 341.588
Yxy	83.2179, 0.3217, 0.3143
Android (android.graphics.Color)	4294960371 (0xFFFFE4F3)
YUV	237.7830, 2.5720, 15.0993
Hunter-Lab	91.2238, 6.9951, 1.2232

Details

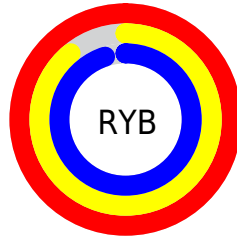
The XYZ color **85.1611, 83.2179, 96.3682** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4856, 94.3065, 96.2444**, and the grayscale version is **81.0766, 85.2989, 92.8905**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2019, 45.4808, 53.3046** is the 20% darker color. If you saturate the color by 10%, you get **76.9977, 69.5462, 85.4618**, and if you desaturate by 10%, it is **94.4685, 99.0078, 108.1796**.

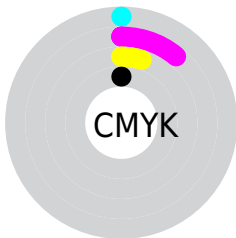
Distribution



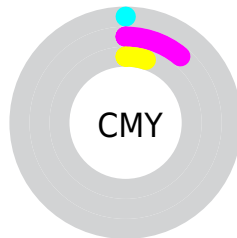
- Red (100%)
- Green (89%)
- Blue (95%)



- Red (100%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1611, 83.2179, 96.3682 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 85.1611, 83.2179, 96.3682 by changing the saturation by 10% instead.

85.1611, 83.2179,
96.3682

85.1611, 83.2179,
96.3682

500.6366,
505.7124, 569.6318

64.2974, 62.3699,
72.6711

139.5111,
137.8806, 158.1653

47.1542, 45.3317,
53.2169

173.7282,
172.4641, 197.1023

33.3660, 31.7188,
37.5870

213.1271,
212.3949, 241.9564

22.5676, 21.1468,
25.3630

258.0731,
258.0575, 293.1461

14.3935, 13.2313,
16.1262

308.9318,
309.8361, 351.0900

8.4784, 7.5880,
9.4582

366.0684,

4.4569, 3.8325,

368.1152, 416.2065

4.9404

429.8482,
433.2792, 488.9142

■ 1.9637, 1.5803,
2.1542

■ 0.6135, 0.3443,
0.6477

■ 85.1611, 83.2179,
96.3682

■ 85.1611, 83.2179,
96.3682

■ 76.9977, 69.5462,
85.4618

94.4685, 99.0078,
108.1796

■ 69.9257, 57.8916,
75.4301

95.0500, 100.0000,
108.9000

■ 63.8966, 48.1598,
66.2485

■ 58.8559, 40.2450,
57.8890

■ 54.7439, 34.0309,
50.3215

■ 51.4939, 29.3879,
43.5133

■ 49.0298, 26.1673,
37.4281

■ 47.2610, 24.1912,
32.0245

■ 46.0967, 23.2027,
27.5049

Harmonies

Analogous

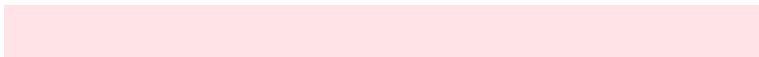
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3077, 83.2179, 104.6336



85.1611, 83.2179, 96.3682



85.3630, 83.2179, 87.0700

Triad

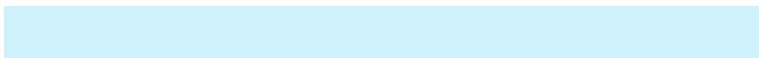
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1611, 83.2179, 96.3682



77.8501, 83.2179, 74.2180



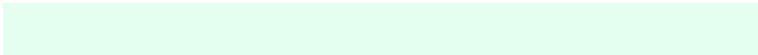
74.5235, 83.2179, 102.9881

Complementary

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



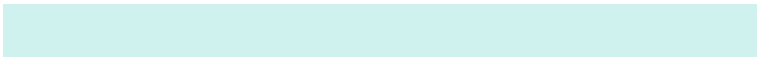
85.1611, 83.2179, 96.3682



83.4856, 94.3065, 96.2444

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.



73.1437, 83.2179, 94.2450



85.1611, 83.2179, 96.3682



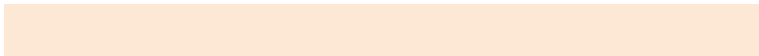
75.0290, 83.2179, 77.8992

Square

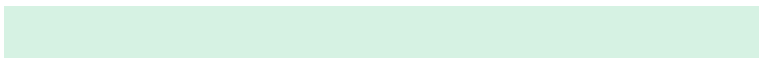
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



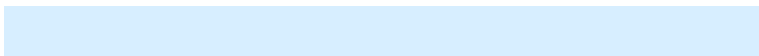
85.1611, 83.2179, 96.3682



81.0819, 83.2179, 74.7006



73.3262, 83.2179, 85.0862



77.1430, 83.2179, 108.6319

Rectangle

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



85.1611, 83.2179, 96.3682



84.5274, 83.2179, 81.5742



73.3262, 83.2179, 85.0862



73.9026, 83.2179, 100.2899

Sweetspot

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



85.1629, 83.2213, 96.3700



92.1152, 94.9987, 105.2448



81.6296, 81.1835, 105.9754



19.5524, 20.0547, 22.3206



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

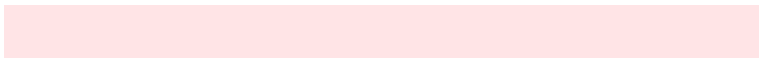
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1629, 83.2213, 96.3700



83.0891, 79.7300, 93.6550



83.2407, 82.4524, 86.2475



18.4318, 18.1560, 20.8911



24.1629, 12.1545, 14.7742



2.4077, 1.2054, 1.7283

Inverse Universe

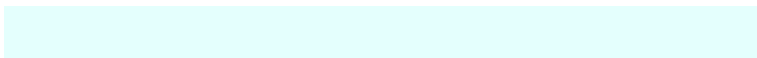
The Inverse Universe completely reimagines the original color for something new.



85.1629, 83.2213, 96.3700



83.0891, 79.7300, 93.6550



85.5184, 95.1196, 106.9486



18.4318, 18.1560, 20.8911



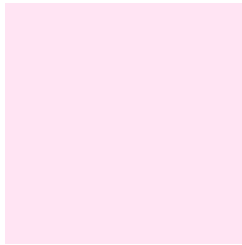
24.1629, 12.1545, 14.7742



2.4077, 1.2054, 1.7283

Previews

White Background



This preview shows how the XYZ color 85.1611, 83.2179, 96.3682 looks on a white background.

Color Contrast Check

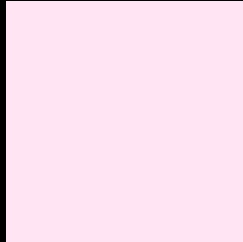
Large Text (above 18pt) WCAG AA × Fail

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 85.1611, 83.2179, 96.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

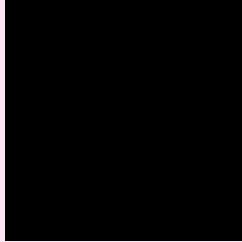
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1611, 83.2179, 96.3682

Background



This preview shows how black text looks on a background with the XYZ color 85.1611, 83.2179, 96.3682.



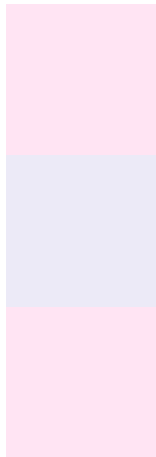
This preview shows how white text looks on a background with the XYZ color 85.1611, 83.2179,

96.3682.

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

85.1611, 83.2179, 96.3682

Protanopia

80.8034, 83.3939, 99.8335

Deuteranopia

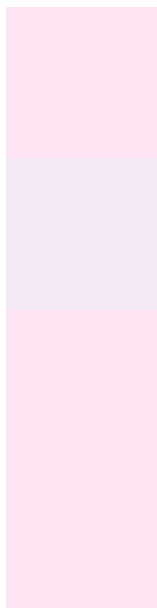
85.1611, 83.2179, 96.3682



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

85.1611, 83.2179, 96.3682

Protanomaly

82.4533, 83.4217, 98.9450

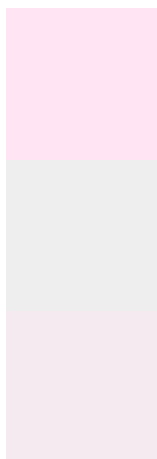
Deuteranomaly

85.1611, 83.2179, 96.3682

Tritanomaly

85.3125, 83.2785, 97.1658

Monochromacy



Original Color

85.1611, 83.2179, 96.3682

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.4592, 84.3700, 94.3770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1611, 83.2179, 96.3682 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(255, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 243)  
}
```

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(255, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.1611, 83.2179, 96.3682 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(255, 228, 243) }
```


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

```
.border{ border-color:rgb(255, 228, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1611, 83.2179, 96.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 243) }
```

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

```
.background{ background-color: rgb(255,  
228, 243) }
```

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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