

Converting Colors

XYZ(91.2552, 87.6160, 97.0050)

Have a look what the booklet for
XYZ(91.2552, 87.6160, 97.0050)
contains.

XYZ(85.9936, 84.8829, 96.6457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.9936, 84.8829,
96.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F3
RGB	255, 231, 243
RGB Percent	100%, 91%, 95%
CMY	0.0000, 0.0941, 0.0471
CMYK	0.00, 0.09, 0.05, 0.00
HSL	330°, 100%, 95%
HSV	330°, 9%, 100%
XYZ	85.9936, 84.8829, 96.6457
YIQ	239.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

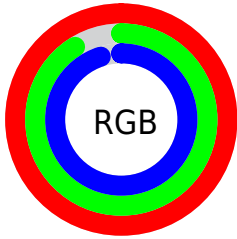
Format	Color
R_{YB}	255, 231, 243
Decimal	16771059
CIE _{Lab}	93.83, 10.18, -2.84
CIE _{LCh}	94, 10.565, 344.400
Yxy	84.8829, 0.3214, 0.3173
Android (android.graphics.Color)	4294961139 (0xFFFFE7F3)
YUV	239.5440, 1.7038, 13.5549
Hunter-Lab	92.1319, 5.3765, 2.2976

Details

The XYZ color **85.9936, 84.8829, 96.6457** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8952, 94.9812, 98.6563**, and the grayscale version is **82.4512, 86.7451, 94.4654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5883, 46.2536, 53.4334** is the 20% darker color. If you saturate the color by 10%, you get **77.5106, 70.8923, 84.6455**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

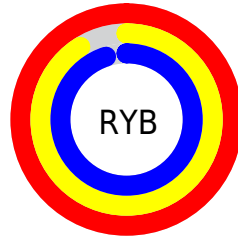
Distribution



Red (100%)

Green (91%)

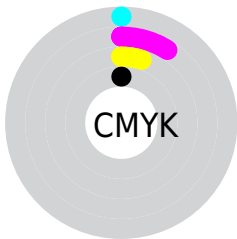
Blue (95%)



Red (100%)

Yellow (91%)

Blue (95%)

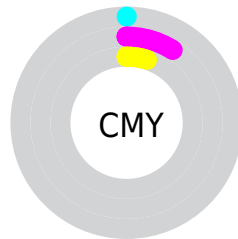


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9936, 84.8829, 96.6457 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 85.9936, 84.8829, 96.6457 by changing the saturation by 10% instead.


 85.9936, 84.8829,
96.6457

 85.9936, 84.8829,
96.6457


503.3444,
511.2405, 570.5386

 64.9879, 63.7446,
72.9010


140.6674,
140.2096, 158.5513

 47.7160, 46.4439,
53.4037


175.0663,
175.1667, 197.5494

 33.8123, 32.5962,
37.7352


214.6603,
215.4990, 242.4689

 22.9117, 21.8173,
25.4770

259.8148,
261.5908, 293.7285

 14.6486, 13.7227,
16.2105

310.8950,
313.8264, 351.7468

 8.6579, 7.9281,
9.5173

368.2665,

 4.5740, 4.0490,

372.5903, 416.9422

4.9787

432.2945,
438.2669, 489.7333

■ 2.0317, 1.7010,
2.1763

■ 0.6517, 0.4243,
0.6606

■ 85.9936, 84.8829,
96.6457

■ 85.9936, 84.8829,
96.6457

■ 77.5106, 70.8923,
84.6455

95.0500, 100.0000,
108.9000

■ 70.1518, 58.9407,
73.6654

■ 63.8682, 48.9341,
63.6766

■ 58.6050, 40.7677,
54.6467

■ 54.3021, 34.3260,
46.5409

■ 50.8930, 29.4809,
39.3217

■ 48.3019, 26.0859,
32.9481

■ 46.4390, 23.9669,
27.3736

■ 45.1683, 22.8575,
22.5356

Harmonies

Analogous

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



84.5170, 84.8829, 103.9216



85.9936, 84.8829, 96.6457



86.0242, 84.8829, 88.6292

Triad

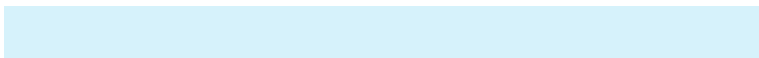
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9936, 84.8829, 96.6457



79.3429, 84.8829, 78.2352



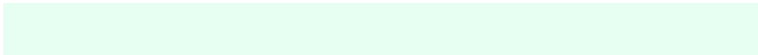
76.8808, 84.8829, 103.6740

Complementary

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



85.9936, 84.8829, 96.6457



84.8952, 94.9812, 98.6563

Split Complementary

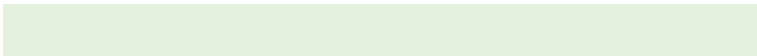
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5593, 84.8829, 96.3236



85.9936, 84.8829, 96.6457



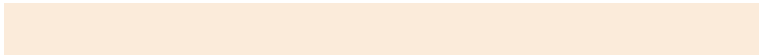
76.9583, 84.8829, 81.8056

Square

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



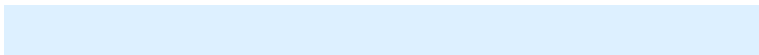
85.9936, 84.8829, 96.6457



82.1399, 84.8829, 78.3102



75.5873, 84.8829, 88.3252



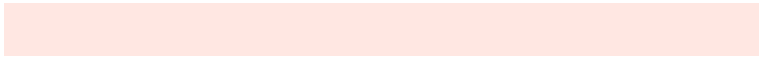
79.2348, 84.8829, 108.1371

Rectangle

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



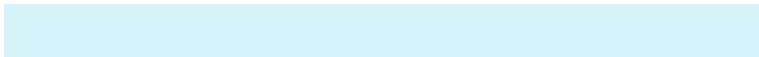
85.9936, 84.8829, 96.6457



85.2179, 84.8829, 83.9562



75.5873, 84.8829, 88.3252



76.3035, 84.8829, 101.4408

Sweetspot

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



85.9955, 84.8863, 96.6475



92.0480, 94.9719, 104.8911



83.5908, 83.4304, 106.3057



19.5343, 20.0474, 22.2252



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

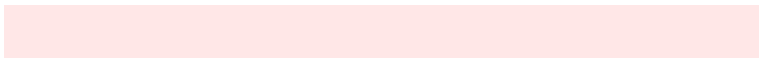
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9955, 84.8863, 96.6475



84.5686, 82.5201, 94.6689



84.2422, 84.1850, 87.4150



18.3881, 18.1386, 20.6611



23.6424, 11.9462, 12.0331



2.3571, 1.1852, 1.4619

Inverse Universe

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



85.9955, 84.8863, 96.6475



84.5686, 82.5201, 94.6689



86.7669, 95.7299, 108.5124



18.3881, 18.1386, 20.6611



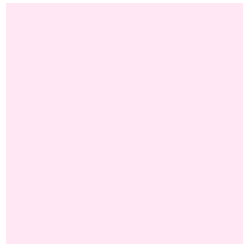
23.6424, 11.9462, 12.0331



2.3571, 1.1852, 1.4619

Previews

White Background



This preview shows how the XYZ color 85.9936, 84.8829, 96.6457 looks on a white background.

Color Contrast Check

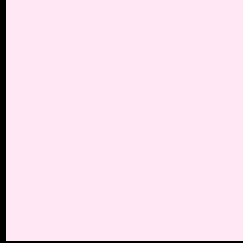
Large Text (above 18pt) WCAG AA × Fail

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 85.9936, 84.8829, 96.6457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

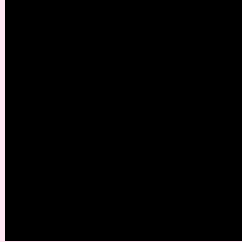
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9936, 84.8829, 96.6457

Background



This preview shows how black text looks on a background with the XYZ color 85.9936, 84.8829, 96.6457.



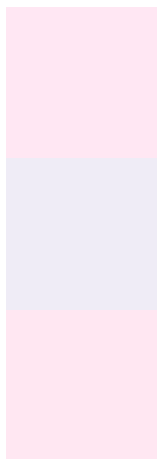
This preview shows how white text looks on a background with the XYZ color 85.9936, 84.8829,

96.6457.

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

85.9936, 84.8829, 96.6457

Protanopia

82.2266, 84.9954, 99.2607

Deuteranopia

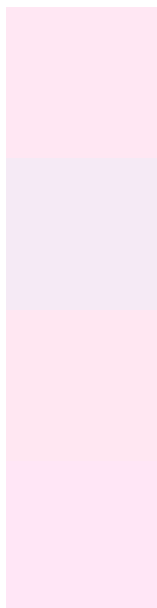
85.8429, 84.8226, 95.8524



Tritanopia

86.4801, 84.6309, 100.5843

Trichromacy



Original Color

85.9936, 84.8829, 96.6457

Protanomaly

83.5604, 84.8507, 98.3599

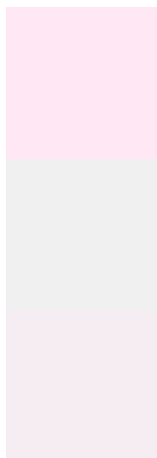
Deuteranomaly

85.8429, 84.8226, 95.8524

Tritanomaly

86.1714, 84.5074, 98.9586

Monochromacy



Original Color

85.9936, 84.8829, 96.6457

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.8176, 86.3317, 95.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9936, 84.8829, 96.6457 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, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.9936, 84.8829, 96.6457 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, 231, 243) }
```


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

```
.border{ border-color:rgb(255, 231, 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, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9936, 84.8829, 96.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 243) }
```

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

```
.background{ background-color: rgb(255,  
231, 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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