

Converting Colors

XYZ(82.9235, 83.1209,
104.6019)

Have a look what the booklet for
XYZ(82.9235, 83.1209, 104.6019)
contains.

XYZ(82.9235, 83.1209, 104.6019)	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(82.9235, 83.1209,
104.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7FD
RGB	242, 231, 253
RGB Percent	95%, 91%, 99%
CMY	0.0510, 0.0941, 0.0078
CMYK	0.04, 0.09, 0.00, 0.01
HSL	270°, 85%, 95%
HSV	270°, 9%, 99%
XYZ	82.9235, 83.1209, 104.6019
YIQ	236.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

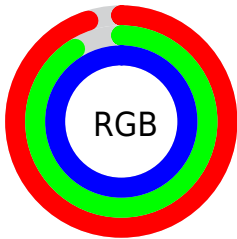
Format	Color
R_YB	242, 231, 253
Decimal	15919101
CIE Lab	93.07, 7.65, -9.30
CIE LCh	93, 12.039, 309.448
Yxy	83.1209, 0.3064, 0.3071
Android (android.graphics.Color)	4294109181 (0xFFFF2E7FD)
YUV	236.7970, 7.9881, 4.5630
Hunter-Lab	91.1707, 2.8045, -4.2051

Details

The XYZ color **82.9235, 83.1209, 104.6019** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1700, 94.8995, 89.3812**, and the grayscale version is **80.2831, 84.4640, 91.9813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5435, 45.0846, 58.5263** is the 20% darker color. If you saturate the color by 10%, you get **72.1552, 67.8085, 102.2151**, and if you desaturate by 10%, it is **94.6026, 99.8063, 107.2082**.

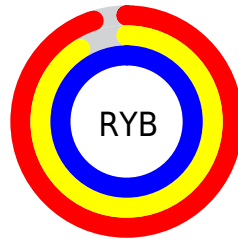
Distribution



Red (95%)

Green (91%)

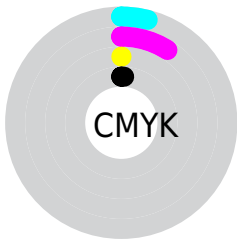
Blue (99%)



Red (95%)

Yellow (91%)

Blue (99%)

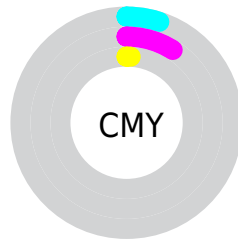


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (1%)



Cyan (5%)


Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9235, 83.1209, 104.6019 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 82.9235, 83.1209, 104.6019 by changing the saturation by 10% instead.


 82.9235, 83.1209,
104.6019

 82.9235, 83.1209,
104.6019


493.3193,
505.3894, 596.2204

 62.4437, 62.2899,
79.5111


136.3974,
137.7448, 169.5738

 45.6483, 45.2670,
58.7923

170.1222,
172.3064, 210.2920

 32.1718, 31.6678,
42.0270


208.9928,
212.2138, 257.0564

 21.6490, 21.1079,
28.7967

253.3745,
257.8512, 310.2856

 13.7143, 13.2029,
18.6829

303.6326,
309.6030, 370.3980

 8.0026, 7.5684,
11.2669

360.1326,

 4.1484, 3.8200,

367.8538, 437.8122

6.1302

423.2397,
432.9877, 512.9469

■ 1.7865, 1.5734,
2.8543

■ 0.5095, 0.3396,
1.0207

■ 82.9235, 83.1209,
104.6019

■ 82.9235, 83.1209,
104.6019

■ 72.1552, 67.8085,
102.2151

94.6026, 99.8063,
107.2082

■ 62.6587, 54.6038,
100.1669

94.7299, 99.8719,
107.2142

■ 54.3833, 43.4135,
98.4431

■ 47.2718, 34.1329,
97.0266

■ 41.2621, 26.6476,
95.8985

■ 36.2856, 20.8303,
95.0379

■ 32.2645, 16.5365,
94.4211

■ 29.1079, 13.5955,
94.0198

■ 26.6882, 11.7634,
93.7937

Harmonies

Analogous

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



80.0045, 83.1209, 108.7571



82.9235, 83.1209, 104.6019



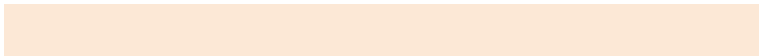
84.8245, 83.1209, 96.7449

Triad

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



82.9235, 83.1209, 104.6019



81.1538, 83.1209, 75.1843



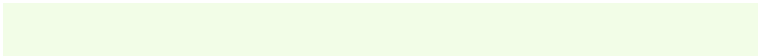
73.1667, 83.1209, 93.3882

Complementary

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



82.9235, 83.1209, 104.6019



86.1700, 94.8995, 89.3812

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.



73.4559, 83.1209, 84.5385



82.9235, 83.1209, 104.6019



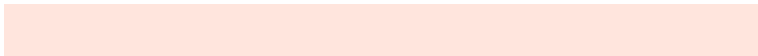
78.0117, 83.1209, 74.4177

Square

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



82.9235, 83.1209, 104.6019



83.7841, 83.1209, 79.9030



75.2098, 83.1209, 77.7343



74.4091, 83.1209, 102.0046

Rectangle

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



82.9235, 83.1209, 104.6019



85.2299, 83.1209, 90.6719



75.2098, 83.1209, 77.7343



73.0888, 83.1209, 90.3373

Sweetspot

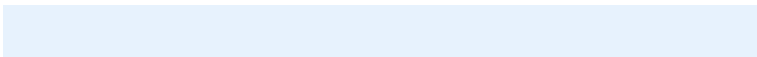
The Sweet Spot groups the original color and five complimentary colors.



82.9259, 83.1244, 104.6037



91.2644, 94.4974, 108.0374



82.5490, 87.8066, 105.5273



19.3223, 19.9191, 23.0763



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.



82.9259, 83.1244, 104.6037



82.9111, 82.4569, 106.1536



86.6825, 85.0610, 104.7795



17.8683, 17.8238, 22.7485



14.2146, 6.2384, 49.8895



1.5100, 0.6723, 4.8635

Inverse Universe

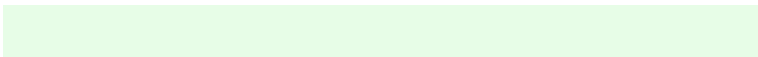
The Inverse Universe completely reimagines the original color for something new.



85.1138, 84.4489, 95.8227



85.4627, 84.0017, 95.9124



82.6256, 93.0723, 89.2153



18.3882, 18.1386, 20.6616



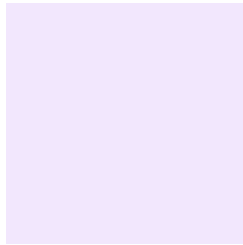
23.6435, 11.9467, 12.0391



2.3572, 1.1853, 1.4625

Previews

White Background



This preview shows how the XYZ color 82.9235, 83.1209, 104.6019 looks on a white background.

Color Contrast Check

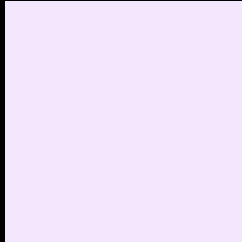
Large Text (above 18pt) WCAG AA × Fail

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 82.9235, 83.1209, 104.6019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

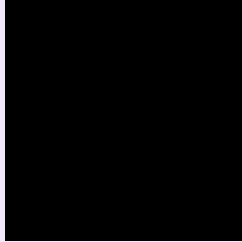
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9235, 83.1209, 104.6019

Background



This preview shows how black text looks on a background with the XYZ color 82.9235, 83.1209, 104.6019.



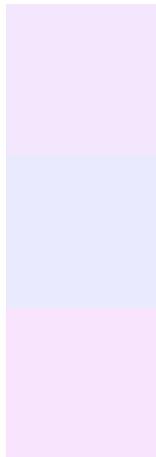
This preview shows how white text looks on a background with the XYZ color 82.9235, 83.1209,

104.6019.

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

82.9235, 83.1209, 104.6019

Protanopia

81.4045, 83.5581, 106.4456

Deuteranopia

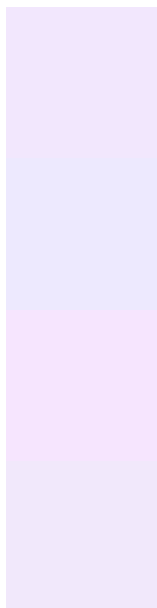
84.6997, 82.7823, 105.2804



Tritanopia

82.3876, 83.3161, 102.1818

Trichromacy



Original Color

82.9235, 83.1209, 104.6019

Protanomaly

81.9534, 83.4381, 105.5517

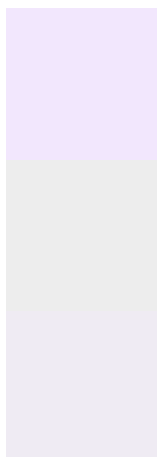
Deuteranomaly

83.9147, 82.7872, 105.3227

Tritanomaly

82.5448, 83.3790, 103.0100

Monochromacy



Original Color

82.9235, 83.1209, 104.6019

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4826, 84.2384, 96.7591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9235, 83.1209, 104.6019 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(242, 231, 253)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 253)  
}
```

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(242, 231, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 253) }
```

Border

The CSS property to change the border of an element to XYZ 82.9235, 83.1209, 104.6019 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(242, 231, 253) }
```


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

```
.border{ border-color:rgb(242, 231, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 253);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9235, 83.1209, 104.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 253) }
```

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

```
.background{ background-color: rgb(242,  
231, 253) }
```

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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