

Converting Colors

XYZ(81.0110, 82.7566,
103.3861)

Have a look what the booklet for
XYZ(81.0110, 82.7566, 103.3861)
contains.

XYZ(81.0194, 82.5744, 103.7637)	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(81.0194, 82.5744,
103.7637)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE8FC
RGB	236, 232, 252
RGB Percent	93%, 91%, 99%
CMY	0.0745, 0.0902, 0.0118
CMYK	0.06, 0.08, 0.00, 0.01
HSL	252°, 77%, 95%
HSV	252°, 8%, 99%
XYZ	81.0194, 82.5744, 103.7637
YIQ	235.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

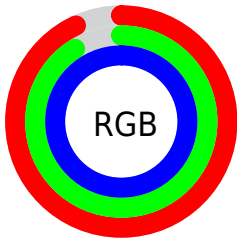
Format	Color
R_{YB}	236, 232, 252
Decimal	15526140
CIE _{Lab}	92.83, 5.00, -9.18
CIE _{LCh}	93, 10.453, 298.557
Yxy	82.5744, 0.3030, 0.3089
Android (android.graphics.Color)	4293716220 (0xFFECE8FC)
YUV	235.4760, 8.1463, 0.4595
Hunter-Lab	90.8705, 0.1259, -4.0931

Details

The XYZ color **81.0194, 82.5744, 103.7637** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0903, 95.4056, 90.1203**, and the grayscale version is **79.2725, 83.4008, 90.8235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1981, 44.6941, 57.9271** is the 20% darker color. If you saturate the color by 10%, you get **68.1078, 66.1341, 101.2722**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3772**.

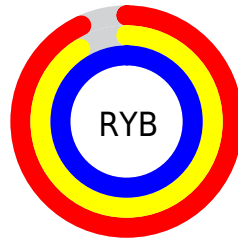
Distribution



Red (93%)

Green (91%)

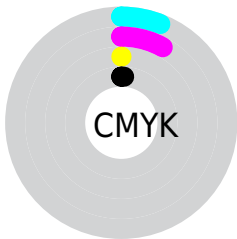
Blue (99%)



Red (93%)

Yellow (91%)

Blue (99%)

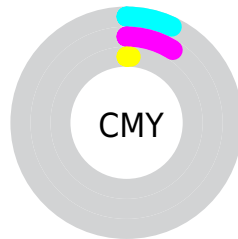


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (7%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0194, 82.5744, 103.7637 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 81.0194, 82.5744, 103.7637 by changing the saturation by 10% instead.

81.0194, 82.5744,
103.7637

81.0194, 82.5744,
103.7637

487.0460,
503.5670, 593.5426

60.8689, 61.8391,
78.8131

133.7410,
136.9792, 168.4166

44.3715, 44.9027,
58.2218

167.0429,
171.4175, 208.9561

31.1619, 31.3808,
41.5711

205.4592,
211.1923, 255.5289

20.8746, 20.8890,
28.4425

249.3555,
256.6880, 308.5537

13.1443, 13.0429,
18.4176

299.0969,
308.2888, 368.4489

7.6057, 7.4581,
11.0777

355.0489,

3.8933, 3.7502,

366.3794, 435.6331

6.0043

417.5768,
431.3440, 510.5248

■ 1.6420, 1.5348,
2.7788

■ 0.4195, 0.3131,
0.9828

■ 81.0194, 82.5744,
103.7637

■ 81.0194, 82.5744,
103.7637

■ 68.1078, 66.1341,
101.2722

94.5709, 99.8084,
106.3772

■ 56.8986, 52.0150,
99.1377

■ 47.3217, 40.1147,
97.3455

■ 39.2992, 30.3191,
95.8776

■ 32.7468, 22.5036,
94.7144

■ 27.5718, 16.5305,
93.8342

■ 23.6705, 12.2438,
93.2124

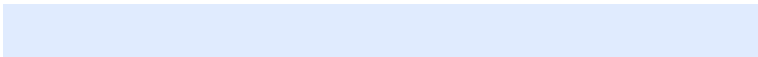
■ 20.9233, 9.4611,
92.8201

■ 19.1774, 7.9404,
92.6186

Harmonies

Analogous

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



78.3525, 82.5744, 105.7828



81.0194, 82.5744, 103.7637



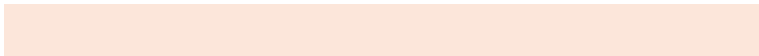
83.0464, 82.5744, 97.9777

Triad

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



81.0194, 82.5744, 103.7637



81.2533, 82.5744, 77.6895



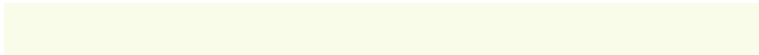
73.3555, 82.5744, 89.5317

Complementary

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



81.0194, 82.5744, 103.7637



88.0903, 95.4056, 90.1203

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.



74.0928, 82.5744, 82.2968



81.0194, 82.5744, 103.7637



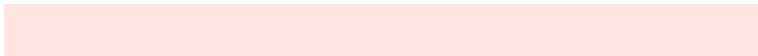
78.6167, 82.5744, 75.7093

Square

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



81.0194, 82.5744, 103.7637



83.1836, 82.5744, 82.9161



76.0030, 82.5744, 77.3468



73.9658, 82.5744, 97.2855

Rectangle

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



81.0194, 82.5744, 103.7637



83.7400, 82.5744, 92.9235



76.0030, 82.5744, 77.3468



73.4536, 82.5744, 86.9614

Sweetspot

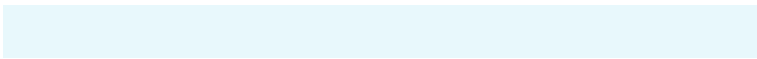
The Sweet Spot groups the original color and five complimentary colors.



81.0218, 82.5779, 103.7655



91.9591, 96.0233, 108.2953



84.5221, 91.5264, 105.3083



19.7154, 20.5946, 23.1860



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.



81.0218, 82.5779, 103.7655



80.3358, 81.1293, 106.0331



84.3193, 84.2778, 103.9198



16.6069, 16.8100, 21.7547



9.9416, 4.0678, 48.2347



1.0026, 0.4189, 4.4712

Inverse Universe

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



85.9476, 85.1897, 100.7243



86.6380, 84.4718, 102.1015



84.7505, 93.6839, 89.9640



17.8356, 17.4616, 20.9901



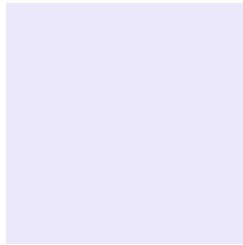
26.4966, 13.0144, 30.3874



2.4905, 1.2199, 3.0064

Previews

White Background



This preview shows how the XYZ color 81.0194, 82.5744, 103.7637 looks on a white background.

Color Contrast Check

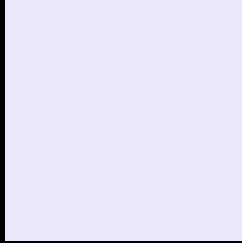
Large Text (above 18pt) WCAG AA × Fail

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 81.0194, 82.5744, 103.7637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

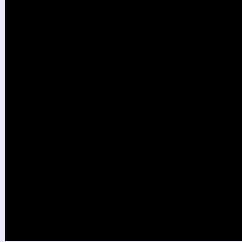
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0194, 82.5744, 103.7637

Background



This preview shows how black text looks on a background with the XYZ color 81.0194, 82.5744, 103.7637.



This preview shows how white text looks on a background with the XYZ color 81.0194, 82.5744,

103.7637.

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

81.0194, 82.5744, 103.7637

Protanopia

80.4728, 82.6933, 104.6485

Deuteranopia

84.5399, 82.7184, 104.4390



Tritanopia

80.8613, 82.5111, 102.9312

Trichromacy



Original Color

81.0194, 82.5744, 103.7637

Protanomaly

80.8002, 82.8621, 104.6639

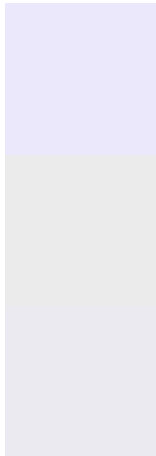
Deuteranomaly

83.0572, 82.3636, 104.4487

Tritanomaly

80.8613, 82.5111, 102.9312

Monochromacy



Original Color

81.0194, 82.5744, 103.7637

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.5610, 82.8587, 95.0191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0194, 82.5744, 103.7637 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(236, 232, 252) looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 252)  
}
```

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(236, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 81.0194, 82.5744, 103.7637 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(236, 232, 252) }
```


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

```
.border{ border-color:rgb(236, 232, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0194, 82.5744, 103.7637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 232, 252) }
```

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

```
.background{ background-color: rgb(236,  
232, 252) }
```

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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