

Converting Colors

XYZ(82.1284, 83.5468,
104.7260)

Have a look what the booklet for
XYZ(82.1284, 83.5468, 104.7260)
contains.

XYZ(82.1284, 83.5468, 104.7260)	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(82.1284, 83.5468,
104.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE9FD
RGB	238, 233, 253
RGB Percent	93%, 91%, 99%
CMY	0.0667, 0.0863, 0.0078
CMYK	0.06, 0.08, 0.00, 0.01
HSL	255°, 83%, 95%
HSV	255°, 8%, 99%
XYZ	82.1284, 83.5468, 104.7260
YIQ	236.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

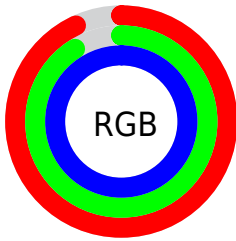
Format	Color
R _Y B	238, 233, 253
Decimal	15657469
CIE Lab	93.25, 5.32, -9.05
CIE LCh	93, 10.499, 300.419
Yxy	83.5468, 0.3037, 0.3090
Android (android.graphics.Color)	4293847549 (0xFFEEE9FD)
YUV	236.7750, 7.9989, 1.0743
Hunter-Lab	91.4039, 0.4292, -3.9487

Details

The XYZ color **82.1284, 83.5468, 104.7260** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5477, 96.0924, 90.9756**, and the grayscale version is **80.2677, 84.4478, 91.9637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9774, 45.3749, 58.6122** is the 20% darker color. If you saturate the color by 10%, you get **69.4344, 67.1238, 102.2264**, and if you desaturate by 10%, it is **94.7299, 99.8719, 107.2142**.

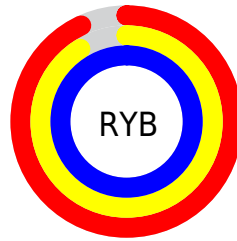
Distribution



Red (93%)

Green (91%)

Blue (99%)



Red (93%)

Yellow (91%)

Blue (99%)

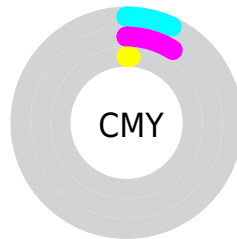


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (7%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1284, 83.5468, 104.7260 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 82.1284, 83.5468, 104.7260 by changing the saturation by 10% instead.

82.1284, 83.5468,
104.7260

82.1284, 83.5468,
104.7260

490.7051,
506.8071, 596.6163

61.7858, 62.6413,
79.6144

135.2889,
138.3410, 169.7451

45.1146, 45.5511,
58.8768

168.8376,
172.9986, 210.4897

31.7494, 31.8917,
42.0946

207.5191,
213.0090, 257.2824

21.3248, 21.2788,
28.8493

251.6986,
258.7566, 310.5417

13.4754, 13.3280,
18.7222

301.7416,
310.6258, 370.6863

7.8360, 7.6548,
11.2950

358.0135,

4.0411, 3.8748,

369.0010, 438.1345

6.1489

420.8795,
434.2666, 513.3050

■ 1.7254, 1.6038,
2.8656

■ 0.4721, 0.3602,
1.0264

■ 82.1284, 83.5468,
104.7260

■ 82.1284, 83.5468,
104.7260

■ 69.4344, 67.1238,
102.2264

94.7299, 99.8719,
107.2142

■ 58.3723, 52.9996,
100.0832

■ 48.8763, 41.0732,
98.2816

■ 40.8729, 31.2322,
96.8039

■ 34.2827, 23.3538,
95.6306

■ 29.0187, 17.3021,
94.7400

■ 24.9830, 12.9235,
94.1075

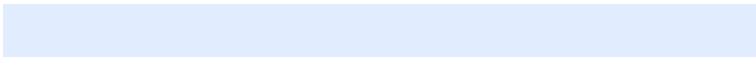
■ 22.0634, 10.0381,
93.7044

■ 20.1156, 8.4073,
93.4923

Harmonies

Analogous

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



79.4476, 83.5468, 107.0424



82.1284, 83.5468, 104.7260



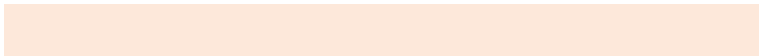
84.1178, 83.5468, 98.6857

Triad

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



82.1284, 83.5468, 104.7260



82.0596, 83.5468, 78.3707



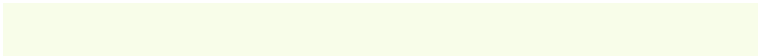
74.2151, 83.5468, 91.0796

Complementary

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



82.1284, 83.5468, 104.7260



88.5477, 96.0924, 90.9756

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.



74.8787, 83.5468, 83.6640



82.1284, 83.5468, 104.7260



79.3699, 83.5468, 76.5897

Square

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



82.1284, 83.5468, 104.7260



84.0775, 83.5468, 83.4819



76.7498, 83.5468, 78.4715



74.9161, 83.5468, 98.8893

Rectangle

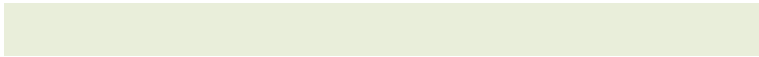
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1284, 83.5468, 104.7260



84.7619, 83.5468, 93.5235



76.7498, 83.5468, 78.4715



74.2858, 83.5468, 88.4600

Sweetspot

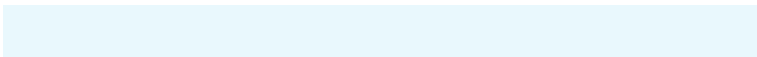
The Sweet Spot groups the original color and five complimentary colors.



82.1308, 83.5503, 104.7278



92.0510, 96.0707, 108.2996



85.0067, 91.7580, 106.1605



19.7342, 20.6042, 23.1869



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.



82.1308, 83.5503, 104.7278



82.1083, 83.1012, 106.3203



85.4646, 85.2689, 104.8839



17.4282, 17.5970, 22.7279



10.6404, 4.3958, 49.7222



1.1308, 0.4769, 4.8457

Inverse Universe

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



86.5931, 85.9415, 100.8356



87.2510, 85.8575, 101.8134



85.2079, 94.3707, 90.8193



18.5873, 18.2182, 21.7099



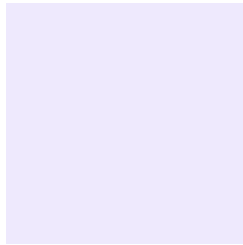
26.5419, 13.1060, 27.3016



2.6279, 1.2936, 2.8881

Previews

White Background



This preview shows how the XYZ color 82.1284, 83.5468, 104.7260 looks on a white background.

Color Contrast Check

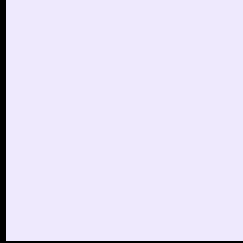
Large Text (above 18pt) WCAG AA × Fail

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 82.1284, 83.5468, 104.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

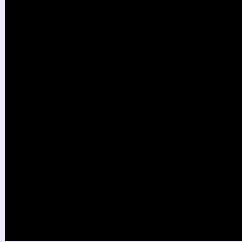
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1284, 83.5468, 104.7260

Background



This preview shows how black text looks on a background with the XYZ color 82.1284, 83.5468, 104.7260.



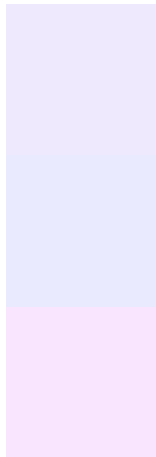
This preview shows how white text looks on a background with the XYZ color 82.1284, 83.5468,

104.7260.

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

82.1284, 83.5468, 104.7260

Protanopia

81.2439, 83.4938, 105.5998

Deuteranopia

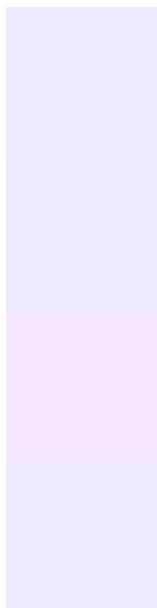
85.3330, 83.5184, 105.3891



Tritanopia

81.9695, 83.4832, 103.8891

Trichromacy



Original Color

82.1284, 83.5468, 104.7260

Protanomaly

81.5732, 83.6636, 105.6152

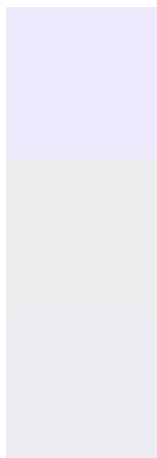
Deuteranomaly

84.1922, 83.3422, 105.4152

Tritanomaly

81.9695, 83.4832, 103.8891

Monochromacy



Original Color

82.1284, 83.5468, 104.7260

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0982, 84.4665, 96.8234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1284, 83.5468, 104.7260 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(238, 233, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 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(238, 233, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 253) }
```

Border

The CSS property to change the border of an element to XYZ 82.1284, 83.5468, 104.7260 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(238, 233, 253) }
```


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

```
.border{ border-color:rgb(238, 233, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1284, 83.5468, 104.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 253) }
```

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

```
.background{ background-color: rgb(238,  
233, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor