

Converting Colors

XYZ(82.6707, 84.8255,
105.7828)

Have a look what the booklet for
XYZ(82.6707, 84.8255, 105.7828)
contains.

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Color

**XYZ(82.5228, 84.5769,
105.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEBFE
RGB	237, 235, 254
RGB Percent	93%, 92%, 100%
CMY	0.0706, 0.0784, 0.0039
CMYK	0.07, 0.07, 0.00, 0.00
HSL	246°, 90%, 96%
HSV	246°, 7%, 100%
XYZ	82.5228, 84.5769, 105.7415
YIQ	237.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

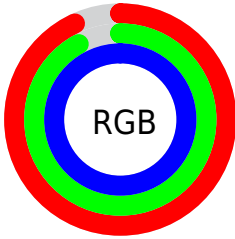
Format	Color
R _{YB}	237, 235, 254
Decimal	15592446
CIE Lab	93.70, 4.15, -8.92
CIE LCh	94, 9.837, 294.950
Yxy	84.5769, 0.3025, 0.3100
Android (android.graphics.Color)	4293782526 (0xFFEDEBFE)
YUV	237.7640, 8.0043, -0.6700
Hunter-Lab	91.9657, -0.7681, -3.7952

Details

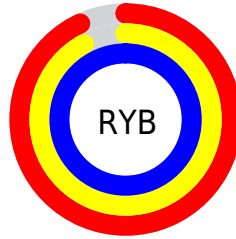
The XYZ color **82.5228, 84.5769, 105.7415** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.5851, 97.5794, 92.6617**, and the grayscale version is **81.0304, 85.2503, 92.8376**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2542, 46.0952, 59.3354** is the 20% darker color. If you saturate the color by 10%, you get **68.6499, 67.3914, 103.1569**, and if you desaturate by 10%, it is **94.8896, 99.9359, 108.0556**.

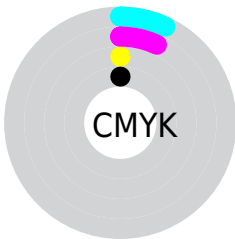
Distribution



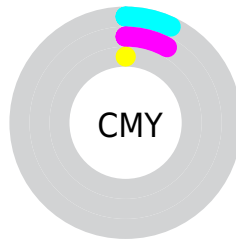
- Red (93%)
- Green (92%)
- Blue (100%)



- Red (93%)
- Yellow (92%)
- Blue (100%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5228, 84.5769, 105.7415 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 82.5228, 84.5769, 105.7415 by changing the saturation by 10% instead.

82.5228, 84.5769,
105.7415

82.5228, 84.5769,
105.7415

492.0028,
510.2270, 599.8510

62.1121, 63.4918,
80.4606

135.8389,
139.7819, 171.1456

45.3793, 46.2392,
59.5690

169.4751,
174.6706, 212.1059

31.9588, 32.4346,
42.6483

208.2504,
214.9293, 259.1298

21.4854, 21.6937,
29.2799

252.5303,
260.9425, 312.6357

13.5938, 13.6320,
19.0453

302.6802,
313.0944, 373.0422

7.9185, 7.8652,
11.5259

359.0653,

4.0942, 4.0088,

371.7696, 440.7679

6.3031

422.0510,
437.3523, 516.2313

■ 1.7556, 1.6785,
2.9585

■ 0.4907, 0.4097,
1.0735

■ 82.5228, 84.5769,
105.7415

■ 82.5228, 84.5769,
105.7415

■ 68.6499, 67.3914,
103.1569

94.8896, 99.9359,
108.0556

■ 56.6951, 52.6688,
100.9452

■ 46.5760, 40.2993,
99.0910

■ 38.2012, 30.1604,
97.5754

■ 31.4714, 22.1188,
96.3779

■ 26.2772, 16.0269,
95.4758

■ 22.4958, 11.7174,
94.8433

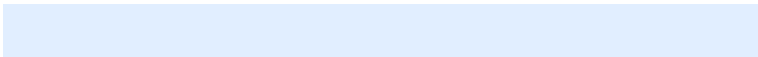
■ 19.9852, 8.9951,
94.4501

■ 18.5683, 7.6089,
94.2572

Harmonies

Analogous

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



79.9470, 84.5769, 107.1570



82.5228, 84.5769, 105.7415



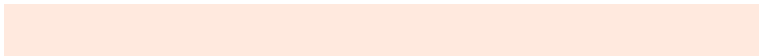
84.5654, 84.5769, 100.5905

Triad

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



82.5228, 84.5769, 105.7415



83.3036, 84.5769, 80.8207



75.4930, 84.5769, 90.8309

Complementary

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



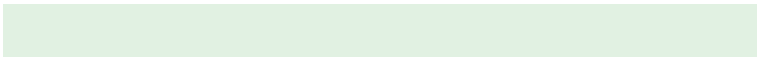
82.5228, 84.5769, 105.7415



90.5851, 97.5794, 92.6617

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.



76.3501, 84.5769, 84.0822



82.5228, 84.5769, 105.7415



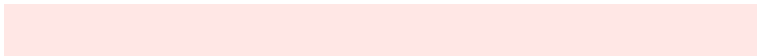
80.8302, 84.5769, 78.5057

Square

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



82.5228, 84.5769, 105.7415



85.0230, 84.5769, 86.1608



78.2900, 84.5769, 79.6669



75.9242, 84.5769, 98.2849

Rectangle

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



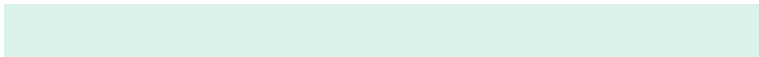
82.5228, 84.5769, 105.7415



85.3308, 84.5769, 95.8714



78.2900, 84.5769, 79.6669



75.6395, 84.5769, 88.4091

Sweetspot

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



82.5253, 84.5805, 105.7434



91.7853, 95.9337, 108.2872



86.9948, 94.5038, 107.4232



19.6800, 20.5764, 23.1843



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.



82.5253, 84.5805, 105.7434



81.0044, 82.5322, 106.2687



85.7471, 86.2414, 105.8941



17.1802, 17.4691, 22.7163



9.7221, 3.9224, 49.6793



1.0022, 0.4106, 4.8397

Inverse Universe

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



88.1549, 87.5194, 104.3461



87.7747, 86.0670, 104.5708



87.2640, 95.8674, 92.5063



18.7055, 18.2655, 22.3325



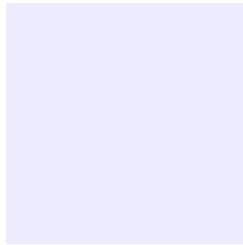
28.9135, 14.0547, 39.7904



2.8379, 1.3775, 3.9936

Previews

White Background



This preview shows how the XYZ color 82.5228, 84.5769, 105.7415 looks on a white background.

Color Contrast Check

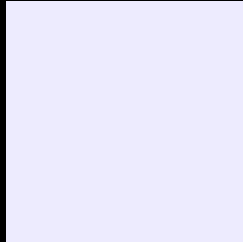
Large Text (above 18pt) WCAG AA × Fail

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 82.5228, 84.5769, 105.7415 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 82.5228, 84.5769, 105.7415

Background



This preview shows how black text looks on a background with the XYZ color 82.5228, 84.5769, 105.7415.



This preview shows how white text looks on a background with the XYZ color 82.5228, 84.5769,

105.7415.

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

82.5228, 84.5769, 105.7415

Protanopia

82.1898, 84.4053, 105.7259

Deuteranopia

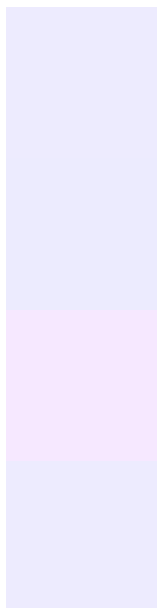
86.1305, 84.3229, 106.3441



Tritanopia

82.5228, 84.5769, 105.7415

Trichromacy



Original Color

82.5228, 84.5769, 105.7415

Protanomaly

82.1898, 84.4053, 105.7259

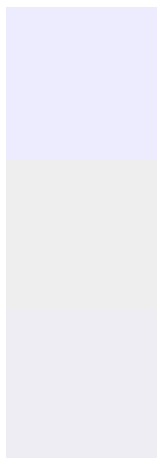
Deuteranomaly

84.9126, 84.5261, 106.4475

Tritanomaly

82.5228, 84.5769, 105.7415

Monochromacy



Original Color

82.5228, 84.5769, 105.7415

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8732, 85.2772, 97.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5228, 84.5769, 105.7415 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(237, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 254)  
}
```

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(237, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 254) }
```

Border

The CSS property to change the border of an element to XYZ 82.5228, 84.5769, 105.7415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

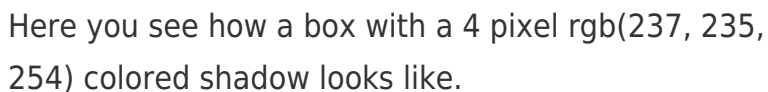
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 235, 254) }
```


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

```
.border{ border-color:rgb(237, 235, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 235, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 235, 254); box-shadow:4px 4px 4px 4px rgb(237, 235, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5228, 84.5769, 105.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 254) }
```

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

```
.background{ background-color: rgb(237,  
235, 254) }
```

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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