

Converting Colors

XYZ(81.4129, 84.5202,
106.6308)

Have a look what the booklet for
XYZ(81.4129, 84.5202, 106.6308)
contains.

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Color

**XYZ(81.3242, 84.3667,
106.6059)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ECFF
RGB	232, 236, 255
RGB Percent	91%, 93%, 100%
CMY	0.0902, 0.0745, 0.0000
CMYK	0.09, 0.07, 0.00, 0.00
HSL	230°, 100%, 95%
HSV	230°, 9%, 100%
XYZ	81.3242, 84.3667, 106.6059
YIQ	236.9700, -8.4830, 5.0610

Conversions

Conversions Part 2

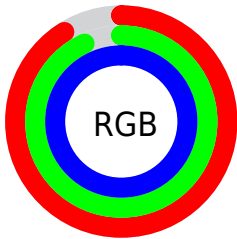
Format	Color
R _Y B	232, 235, 255
Decimal	15265023
CIE Lab	93.61, 2.22, -9.61
CIE LCh	94, 9.867, 283.008
Yxy	84.3667, 0.2987, 0.3098
Android (android.graphics.Color)	4293455103 (0xFFE8ECFF)
YUV	236.9700, 8.8888, -4.3587
Hunter-Lab	91.8513, -2.6979, -4.5181

Details

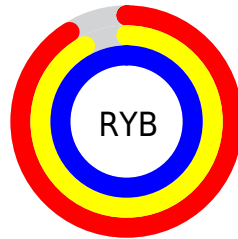
The XYZ color **81.3242, 84.3667, 106.6059** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.3020, 96.0788, 90.1312**, and the grayscale version is **80.4136, 84.6014, 92.1309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4188, 45.9498, 59.9542** is the 20% darker color. If you saturate the color by 10%, you get **67.9294, 68.9861, 104.3431**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

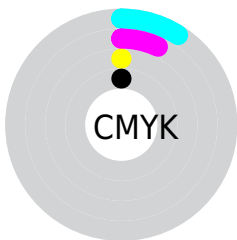
Distribution



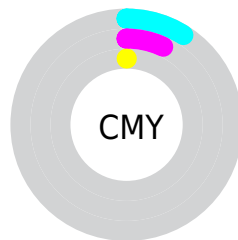
- Red (91%)
- Green (93%)
- Blue (100%)



- Red (91%)
- Yellow (92%)
- Blue (100%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3242, 84.3667, 106.6059 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 81.3242, 84.3667, 106.6059 by changing the saturation by 10% instead.

81.3242, 84.3667,
106.6059

81.3242, 84.3667,
106.6059

488.0532,
509.5302, 602.5971

61.1208, 63.3182,
81.1812

134.1667,
139.4880, 172.3367

44.5756, 46.0987,
60.1590

167.5365,
174.3297, 213.4800

31.3231, 32.3237,
43.1207

206.0259,
214.5378, 260.6999

20.9981, 21.6089,
29.6477

250.0001,
260.4969, 314.4149

13.2350, 13.5698,
19.3216

299.8246,
312.5913, 375.0435

7.6687, 7.8221,
11.7237

355.8647,

3.9337, 3.9813,

371.2053, 443.0045

6.4356

418.4858,
436.7235, 518.7161

■ 1.6647, 1.6631,
3.0387

■ 0.4340, 0.3996,
1.1144

■ 81.3242, 84.3667,
106.6059

■ 81.3242, 84.3667,
106.6059

■ 67.9294, 68.9861,
104.3431

95.0500, 100.0000,
108.9000

■ 56.3722, 55.5753,
102.3637

■ 46.5735, 44.0569,
100.6569

■ 38.4455, 34.3446,
99.2106

■ 31.8932, 26.3449,
98.0119

■ 26.8115, 19.9560,
97.0465

■ 23.0819, 15.0649,
96.2990

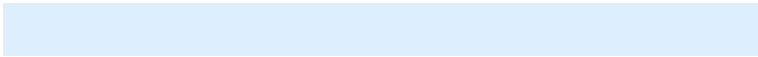
■ 20.5668, 11.5426,
95.7517

■ 19.0761, 9.2257,
95.3831

Harmonies

Analogous

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



78.7287, 84.3667, 106.3202



81.3242, 84.3667, 106.6059



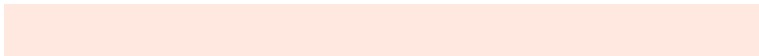
83.6640, 84.3667, 102.7898

Triad

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



81.3242, 84.3667, 106.6059



83.9184, 84.3667, 82.3918



75.4785, 84.3667, 87.7198

Complementary

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



81.3242, 84.3667, 106.6059



90.3020, 96.0788, 90.1312

Split Complementary

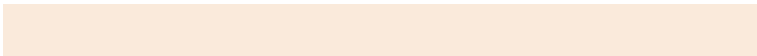
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8096, 84.3667, 81.7356



81.3242, 84.3667, 106.6059



81.6653, 84.3667, 78.7760

Square

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



81.3242, 84.3667, 106.6059



85.1835, 84.3667, 88.6602



79.0625, 84.3667, 78.5425



75.3917, 84.3667, 95.1379

Rectangle

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



81.3242, 84.3667, 106.6059



84.7487, 84.3667, 98.5476



79.0625, 84.3667, 78.5425



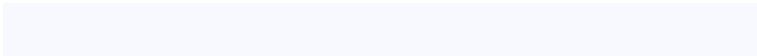
75.7939, 84.3667, 85.4839

Sweetspot

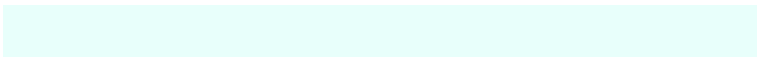
The Sweet Spot groups the original color and five complimentary colors.



81.3264, 84.3702, 106.6064



90.3087, 94.6125, 108.1100



86.4180, 95.6276, 104.9914



19.0649, 19.9496, 23.0958



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.



81.3264, 84.3702, 106.6064



78.5223, 81.1617, 106.1350



82.6001, 83.3348, 106.3395



17.2586, 17.8887, 22.7932



9.9834, 4.8765, 49.8496



1.0391, 0.6089, 4.8760

Inverse Universe

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



85.2383, 85.0309, 91.2810



83.2371, 81.9875, 87.6573



88.9371, 97.2512, 90.4295



18.1384, 18.0387, 19.3460



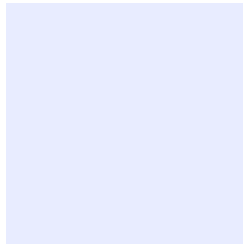
21.8274, 11.2202, 2.4755



2.1591, 1.1060, 0.4192

Previews

White Background



This preview shows how the XYZ color 81.3242, 84.3667, 106.6059 looks on a white background.

Color Contrast Check

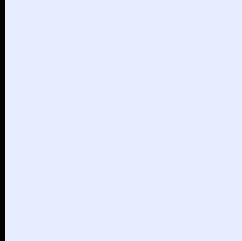
Large Text (above 18pt) WCAG AA × Fail

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 81.3242, 84.3667, 106.6059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

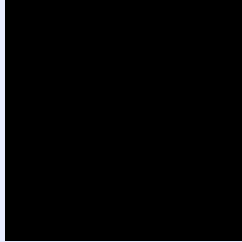
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3242, 84.3667, 106.6059

Background



This preview shows how black text looks on a background with the XYZ color 81.3242, 84.3667, 106.6059.



This preview shows how white text looks on a background with the XYZ color 81.3242, 84.3667,

106.6059.

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

81.3242, 84.3667, 106.6059

Protanopia

81.8587, 84.2346, 105.7104

Deuteranopia

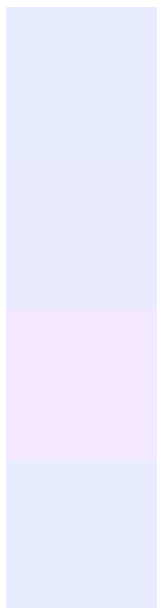
85.7712, 84.1376, 106.3273



Tritanopia

81.3242, 84.3667, 106.6059

Trichromacy



Original Color

81.3242, 84.3667, 106.6059

Protanomaly

81.5294, 84.0648, 105.6950

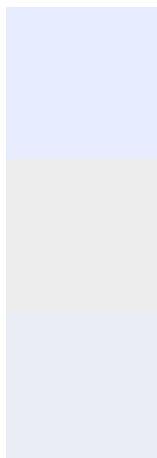
Deuteranomaly

83.8688, 83.9879, 106.3987

Tritanomaly

81.3242, 84.3667, 106.6059

Monochromacy



Original Color

81.3242, 84.3667, 106.6059

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.8743, 84.7622, 97.6862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3242, 84.3667, 106.6059 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(232, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 236, 255)  
}
```

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(232, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.3242, 84.3667, 106.6059 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(232, 236, 255) }
```


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

```
.border{ border-color:rgb(232, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3242, 84.3667, 106.6059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 236, 255) }
```

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

```
.background{ background-color: rgb(232,  
236, 255) }
```

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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