

Converting Colors

XYZ(79.1238, 81.7490,
105.3758)

Have a look what the booklet for
XYZ(79.1238, 81.7490, 105.3758)
contains.

XYZ(79.0591, 81.5270, 105.3354)	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(79.0591, 81.5270,
105.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E8FE
RGB	229, 232, 254
RGB Percent	90%, 91%, 100%
CMY	0.1020, 0.0902, 0.0039
CMYK	0.10, 0.09, 0.00, 0.00
HSL	233°, 93%, 95%
HSV	233°, 10%, 100%
XYZ	79.0591, 81.5270, 105.3354
YIQ	233.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

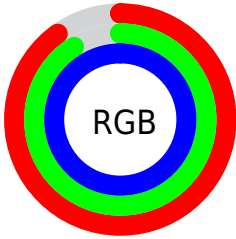
Format	Color
R_{YB}	229, 232, 254
Decimal	15067390
CIE Lab	92.37, 3.13, -10.97
CIE LCh	92, 11.405, 285.948
Yxy	81.5270, 0.2973, 0.3066
Android (android.graphics.Color)	4293257470 (0xFFE5E8FE)
YUV	233.6110, 10.0518, -4.0438
Hunter-Lab	90.2923, -1.7186, -5.9634

Details

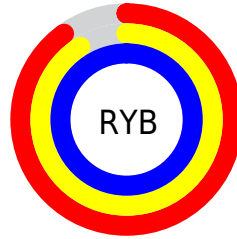
The XYZ color **79.0591, 81.5270, 105.3354** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.5134, 95.7217, 87.8885**, and the grayscale version is **77.8460, 81.9001, 89.1892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8370, 43.9661, 59.0519** is the 20% darker color. If you saturate the color by 10%, you get **65.6444, 65.8608, 103.0198**, and if you desaturate by 10%, it is **94.4644, 99.4112, 107.9767**.

Distribution



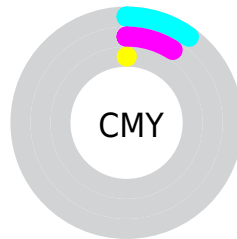
- Red (90%)
- Green (91%)
- Blue (100%)



- Red (90%)
- Yellow (91%)
- Blue (100%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0591, 81.5270, 105.3354 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 79.0591, 81.5270, 105.3354 by changing the saturation by 10% instead.

■ 79.0591, 81.5270,
105.3354

■ 79.0591, 81.5270,
105.3354

480.5412,
500.0641, 598.5585

■ 59.2502, 60.9757,
80.1222

130.9995,
135.5105, 170.5857

■ 43.0617, 44.2056,
59.2921

163.8618,
169.7115, 211.4598

■ 30.1283, 30.8322,
42.4268

201.8059,
209.2312, 258.3914

■ 20.0845, 20.4711,
29.1075

245.1972,
254.4540, 311.7988

■ 12.5651, 12.7379,
18.9159

294.4010,
305.7643, 372.1007

■ 7.2047, 7.2483,
11.4333

349.7827,

■ 3.6379, 3.6179,

363.5465, 439.7156

6.2413

411.7076,
428.1850, 515.0620

■ 1.4994, 1.4622,
2.9212

■ 0.3254, 0.2619,
1.0545

■ 79.0591, 81.5270,
105.3354

■ 79.0591, 81.5270,
105.3354

■ 65.6444, 65.8608,
103.0198

94.4644, 99.4112,
107.9767

■ 54.1318, 52.3161,
101.0122

94.8896, 99.9359,
108.0556

■ 44.4368, 40.8043,
99.3012

■ 36.4660, 31.2268,
97.8727

■ 30.1172, 23.4766,
96.7113

■ 25.2776, 17.4361,
95.8005

■ 21.8195, 12.9739,
95.1214

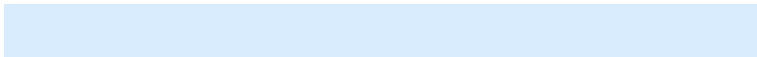
■ 19.5935, 9.9387,
94.6529

■ 18.3812, 8.1314,
94.3680

Harmonies

Analogous

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



76.1189, 81.5270, 105.4915



79.0591, 81.5270, 105.3354



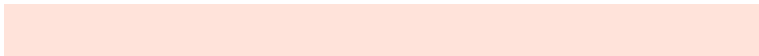
81.6406, 81.5270, 100.5590

Triad

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



79.0591, 81.5270, 105.3354



81.5032, 81.5270, 77.5904



72.1119, 81.5270, 84.8801

Complementary

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



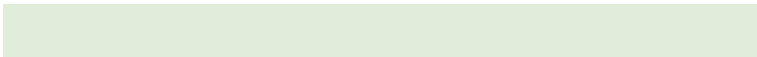
79.0591, 81.5270, 105.3354



89.5134, 95.7217, 87.8885

Split Complementary

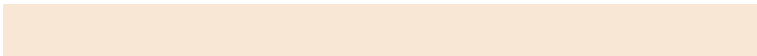
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4805, 81.5270, 77.9386



79.0591, 81.5270, 105.3354



78.8754, 81.5270, 73.9143

Square

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



79.0591, 81.5270, 105.3354



83.0760, 81.5270, 84.3768



75.9398, 81.5270, 74.0376



72.1582, 81.5270, 93.3111

Rectangle

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



79.0591, 81.5270, 105.3354



82.7889, 81.5270, 95.5609



75.9398, 81.5270, 74.0376



72.4202, 81.5270, 82.3068

Sweetspot

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



79.0615, 81.5304, 105.3372



90.1815, 94.3582, 108.0676



85.1164, 94.4871, 104.7446



19.0308, 19.8813, 23.0844



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.



79.0615, 81.5304, 105.3372



76.6789, 78.6599, 105.7492



81.2260, 81.4020, 105.1983



17.1788, 17.7291, 22.7666



9.7374, 4.3844, 49.7676



1.0014, 0.5336, 4.8635

Inverse Universe

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



83.4598, 82.9374, 87.9576



82.0174, 80.3922, 84.6486



87.1841, 95.9247, 88.0505



18.0981, 18.0226, 19.1339



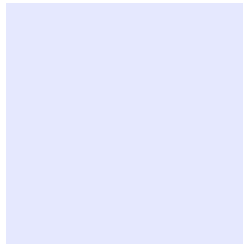
21.7032, 11.1706, 1.8216



2.1401, 1.0984, 0.3191

Previews

White Background



This preview shows how the XYZ color 79.0591, 81.5270, 105.3354 looks on a white background.

Color Contrast Check

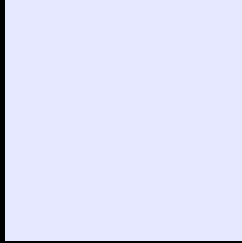
Large Text (above 18pt) WCAG AA × Fail

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 79.0591, 81.5270, 105.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

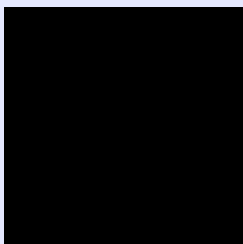
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0591, 81.5270, 105.3354

Background



This preview shows how black text looks on a background with the XYZ color 79.0591, 81.5270, 105.3354.



This preview shows how white text looks on a background with the XYZ color 79.0591, 81.5270,

105.3354.

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

79.0591, 81.5270, 105.3354

Protanopia

79.4203, 81.2965, 105.2718

Deuteranopia

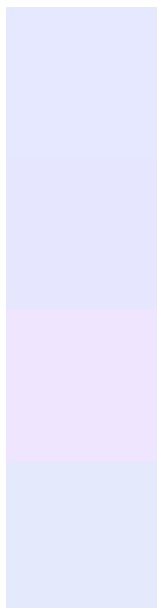
83.1753, 81.5706, 105.9686



Tritanopia

78.5464, 81.7368, 102.9037

Trichromacy



Original Color

79.0591, 81.5270, 105.3354

Protanomaly

79.0984, 81.1306, 105.2568

Deuteranomaly

81.6659, 81.6093, 106.0557

Tritanomaly

78.7045, 81.8001, 103.7363

Monochromacy



Original Color

79.0591, 81.5270, 105.3354

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2948, 81.7845, 94.8785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0591, 81.5270, 105.3354 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(229, 232, 254) looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 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(229, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 254) }
```

Border

The CSS property to change the border of an element to XYZ 79.0591, 81.5270, 105.3354 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(229, 232, 254) }
```


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

```
.border{ border-color:rgb(229, 232, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0591, 81.5270, 105.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 254) }
```

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

```
.background{ background-color: rgb(229,  
232, 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](#).

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