

Converting Colors

XYZ(79.5016, 92.2613, 31.7072)

Have a look what the booklet for
XYZ(79.5016, 92.2613, 31.7072)
contains.

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Color

**XYZ(79.5016, 92.2613,
31.7072)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFC79 |
| RGB | 255, 252, 121 |
| RGB Percent | 100%, 99%, 47% |
| CMY | 0.0000, 0.0117, 0.5255 |
| CMYK | 0.00, 0.01, 0.53, 0.00 |
| HSL | 59°, 100%, 74% |
| HSV | 59°, 53%, 100% |
| XYZ | 79.5016, 92.2613, 31.7072 |
| YIQ | 237.9630, 43.8390, -40.1050 |

Conversions

Conversions Part 2

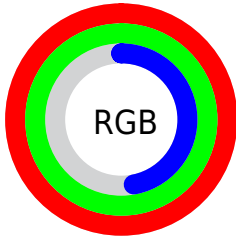
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 255, 121 |
| Decimal | 16776313 |
| CIELab | 96.93, -15.65, 62.14 |
| CIELCh | 97, 64.078, 104.138 |
| Yxy | 92.2613, 0.3907, 0.4534 |
| Android (android.graphics.Color) | 4294966393 (0xFFFFFC79) |
| YUV | 237.9630, -57.6628, 14.9414 |
| Hunter-Lab | 96.0527, -20.3502, 47.6652 |

Details

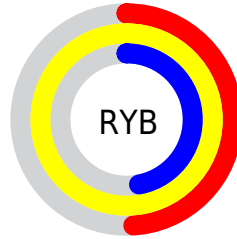
The XYZ color **79.5016, 92.2613, 31.7072** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **33.1428, 25.6996, 97.8211**, and the grayscale version is **81.6501, 85.9023, 93.5476**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **43.4882, 51.6090, 12.8237** is the 20% darker color. If you saturate the color by 10%, you get **77.9623, 91.3632, 24.4727**, and if you desaturate by 10%, it is **81.4591, 93.3343, 41.1220**.

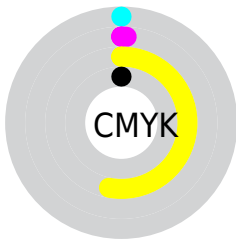
Distribution



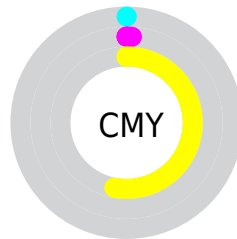
- Red (100%)
- Green (99%)
- Blue (47%)



- Red (49%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5016, 92.2613, 31.7072 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 79.5016, 92.2613, 31.7072 by changing the saturation by 10% instead.


 79.5016, 92.2613,
31.7072

 79.5016, 92.2613,
31.7072


482.0138,
535.3596, 324.2348


 59.6154, 69.8577,
20.8750


 131.6190,
150.4755, 63.4444

 43.3570, 51.4105,
12.8423


 164.5808,
187.0549, 85.1864

 30.3610, 36.5354,
7.1906


 202.6320,
229.1283, 111.4021

 20.2622, 24.8480,
3.5013

246.1377,
277.0801, 142.5100

 12.6952, 15.9638,
1.3560

295.4634,
331.2948, 178.9287

 7.2945, 9.4986,
0.1070

350.9744,

 3.6949, 5.0678,

392.1566, 221.0767

0.0000

413.0361,
460.0501, 269.3726

■ 1.5310, 2.2871,
0.0000

■ 0.3468, 0.7669,
0.0000

■ 79.5016, 92.2613,
31.7072

■ 79.5016, 92.2613,
31.7072

■ 77.9623, 91.3632,
24.4727

■ 81.4591, 93.3343,
41.1220

■ 76.8013, 90.6139,
19.2374


■ 83.8579, 94.5813,
52.8678


■ 75.9823, 90.0023,
15.8003

■ 86.7273, 96.0174,
67.0886

■ 75.4588, 89.5096,
13.9163

■ 90.0919, 97.6524,
83.9150

 75.2096, 89.1995,
13.2533

 93.9750, 99.4957,
103.4687

95.0498, 99.9999,
108.9000

Harmonies

Analogous

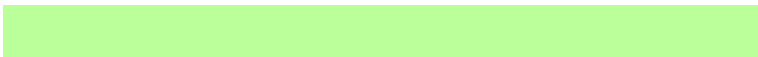
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5019, 92.2613, 32.0666



79.5016, 92.2613, 31.7072



65.7178, 92.2613, 44.7651

Triad

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



79.5016, 92.2613, 31.7072



65.1117, 92.2613, 186.5658



125.4012, 92.2613, 130.0773

Complementary

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



79.5016, 92.2613, 31.7072



33.1428, 25.6996, 97.8211

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.



114.0873, 92.2613, 189.7724



79.5016, 92.2613, 31.7072



78.5625, 92.2613, 229.2535

Square

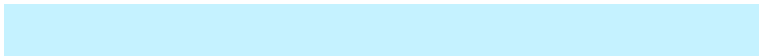
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5016, 92.2613, 31.7072



58.2134, 92.2613, 126.6827



96.4256, 92.2613, 230.5950



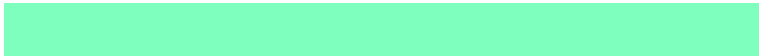
125.7438, 92.2613, 78.1260

Rectangle

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



79.5016, 92.2613, 31.7072



60.0741, 92.2613, 63.1064



96.4256, 92.2613, 230.5950



122.6922, 92.2613, 150.2291

Sweetspot

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



79.5038, 92.2656, 31.7091



88.8731, 97.0652, 77.8037



51.8095, 36.4283, 23.8606



18.8731, 20.7035, 15.9059



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

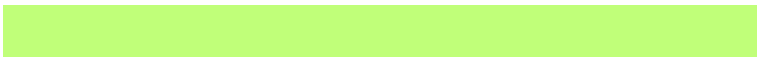
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5038, 92.2656, 31.7091



77.9021, 91.3265, 24.1941



61.0683, 84.1680, 31.1178



19.5244, 21.0170, 19.1720



39.3145, 46.6403, 6.9304



3.8385, 4.5625, 0.6783

Inverse Universe

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



33.1428, 25.6996, 97.8211



27.0640, 18.3420, 96.7217



44.5437, 31.0287, 98.2488



17.0355, 17.4427, 22.7189



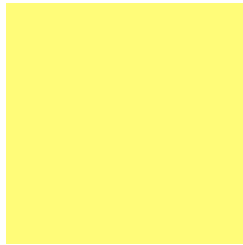
9.4779, 3.8653, 49.6811



0.9338, 0.3982, 4.8409

Previews

White Background



This preview shows how the XYZ color 79.5016, 92.2613, 31.7072 looks on a white background.

Color Contrast Check

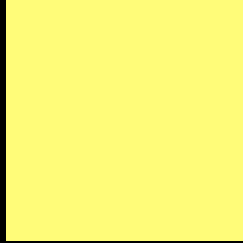
Large Text (above 18pt) WCAG AA × Fail

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 79.5016, 92.2613, 31.7072 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 79.5016, 92.2613, 31.7072

Background



This preview shows how black text looks on a background with the XYZ color 79.5016, 92.2613, 31.7072.

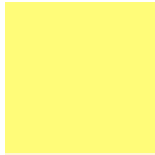


This preview shows how white text looks on a background with the XYZ color 79.5016, 92.2613,

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



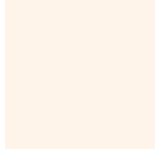
Original Color

79.5016, 92.2613, 31.7072



Protanopia

86.3334, 92.0266, 76.8310



Deuteranopia

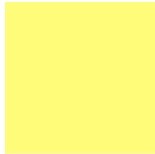
88.2987, 91.8446, 90.1647



Tritanopia

90.5459, 92.2633, 103.4788

Trichromacy



Original Color

79.5016, 92.2613, 31.7072



Protanomaly

83.0456, 91.6901, 56.5010



Deuteranomaly

84.0152, 91.5873, 63.1192



Tritanomaly

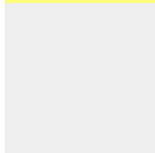
84.9753, 91.4833, 69.6793

Monochromacy



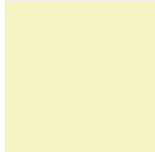
Original Color

79.5016, 92.2613, 31.7072



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.2091, 87.2744, 64.3006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5016, 92.2613, 31.7072 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(255, 252, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 121)  
}
```

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(255, 252, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 121) }
```

Border

The CSS property to change the border of an element to XYZ 79.5016, 92.2613, 31.7072 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(255, 252, 121) }
```


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

```
.border{ border-color:rgb(255, 252, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5016, 92.2613, 31.7072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 121) }
```

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

```
.background{ background-color: rgb(255,  
252, 121) }
```

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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