

Converting Colors

XYZ(81.7496, 94.1764, 61.6050)

Have a look what the booklet for
XYZ(81.7496, 94.1764, 61.6050)
contains.

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Color

**XYZ(81.7992, 94.2055,
61.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFBC
RGB	243, 255, 188
RGB Percent	95%, 100%, 74%
CMY	0.0471, 0.0000, 0.2627
CMYK	0.05, 0.00, 0.26, 0.00
HSL	71°, 100%, 87%
HSV	71°, 26%, 100%
XYZ	81.7992, 94.2055, 61.4492
YIQ	243.7740, 14.3550, -23.3810

Conversions

Conversions Part 2

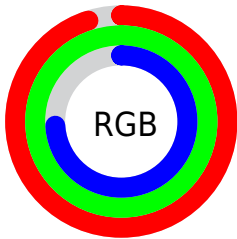
Format	Color
RYB	188, 255, 200
Decimal	15990716
CIELab	97.71, -14.55, 30.78
CIElCh	98, 34.048, 115.302
Yxy	94.2055, 0.3445, 0.3967
Android (android.graphics.Color)	4294180796 (0xFFFF3FFBC)
YUV	243.7740, -27.4966, -0.6788
Hunter-Lab	97.0595, -19.4191, 30.4047

Details

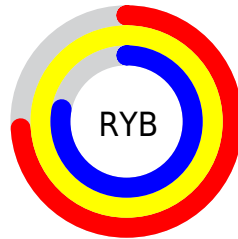
The XYZ color **81.7992, 94.2055, 61.4492** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.8537, 55.4671, 102.1593**, and the grayscale version is **86.0123, 90.4917, 98.5454**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **44.7469, 52.5485, 30.3387** is the 20% darker color. If you saturate the color by 10%, you get **77.7319, 92.3988, 48.1549**, and if you desaturate by 10%, it is **86.3924, 96.2272, 77.3060**.

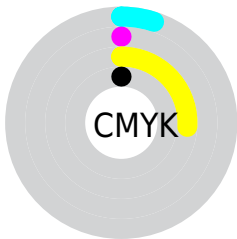
Distribution



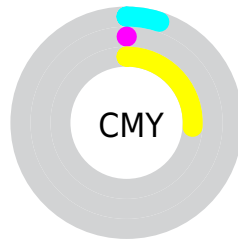
- Red (95%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7992, 94.2055, 61.4492 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 81.7992, 94.2055, 61.4492 by changing the saturation by 10% instead.

81.7992, 94.2055,
61.4492

81.7992, 94.2055,
61.4492

489.6205,
541.6183, 447.8712

61.5136, 71.4739,
44.1549

134.8297,
153.1665, 108.4929

44.8939, 52.7290,
30.4542

168.3052,
190.1647, 139.0794

31.5748, 37.5865,
19.9286

206.9081,
232.6872, 174.9337

21.1909, 25.6619,
12.1596

251.0038,
281.1184, 216.4744

13.3769, 16.5709,
6.7286

300.9574,
335.8428, 264.1199

7.7673, 9.9290,
3.2171

357.1346,

3.9970, 5.3519,

397.2446, 318.2888

1.2065

419.9004,
465.7083, 379.3998

■ 1.7004, 2.4552,
0.0000

■ 0.4565, 0.8541,
0.0000

■ 81.7992, 94.2055,
61.4492

■ 81.7992, 94.2055,
61.4492

■ 77.7319, 92.3988,
48.1549

■ 86.3924, 96.2272,
77.3060

■ 74.1632, 90.7960,
37.2844

■ 91.5340, 98.4728,
95.8460

■ 71.0655, 89.3860,
28.6921

95.0500, 100.0000,
108.9000

■ 68.4075, 88.1564,
22.2150

■ 66.1539, 87.0929,
17.6689

■ 64.2634, 86.1790,
14.8375

■ 62.6846, 85.3941,
13.4518

■ 62.1474, 85.1232,
13.1549

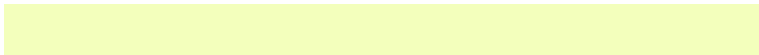
Harmonies

Analogous

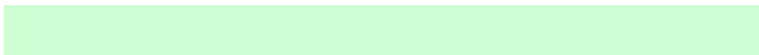
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0766, 94.2055, 58.0004



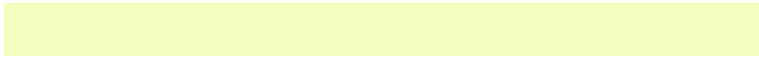
81.7992, 94.2055, 61.4492



75.0579, 94.2055, 75.0614

Triad

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



81.7992, 94.2055, 61.4492



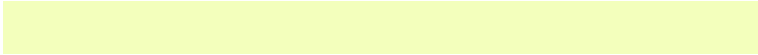
79.3320, 94.2055, 153.0808



109.4534, 94.2055, 107.0136

Complementary

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



81.7992, 94.2055, 61.4492



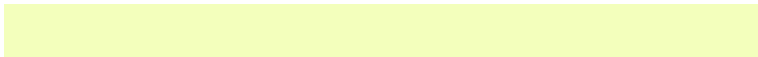
59.8537, 55.4671, 102.1593

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.



105.7733, 94.2055, 136.1008



81.7992, 94.2055, 61.4492



88.0198, 94.2055, 165.5832

Square

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



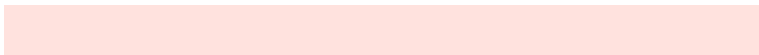
81.7992, 94.2055, 61.4492



73.7073, 94.2055, 127.1498



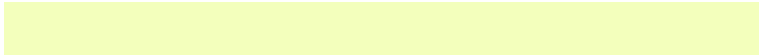
97.7533, 94.2055, 158.8687



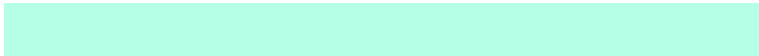
107.4905, 94.2055, 81.3880

Rectangle

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



81.7992, 94.2055, 61.4492



72.6763, 94.2055, 89.6033



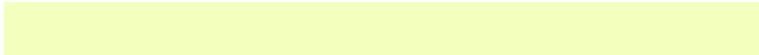
97.7533, 94.2055, 158.8687



108.8282, 94.2055, 116.7392

Sweetspot

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



81.7996, 94.2057, 61.4505



90.6062, 98.0687, 92.4483



70.7796, 65.8155, 56.5515



19.2233, 20.9166, 19.1685



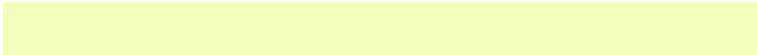
0.0000, 0.0000, 0.0000



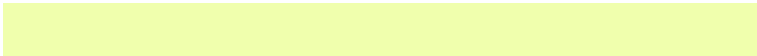
20.3446, 21.4041, 23.3091

Same Dimension

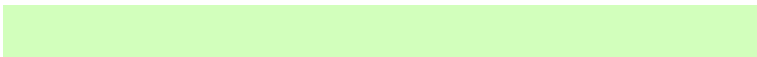
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7996, 94.2057, 61.4505



79.4076, 93.1454, 53.5320



71.5112, 88.9018, 60.9691



19.2233, 20.9166, 19.1685



32.5892, 44.5384, 6.8791



3.2527, 4.3776, 0.6735

Inverse Universe

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



59.8537, 55.4671, 102.1593



53.8131, 47.9541, 101.0275



69.5295, 60.4552, 102.6122



17.3063, 17.5341, 22.7222



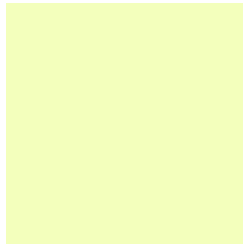
10.0996, 4.1170, 49.6969



1.0619, 0.4414, 4.8425

Previews

White Background



This preview shows how the XYZ color 81.7992, 94.2055, 61.4492 looks on a white background.

Color Contrast Check

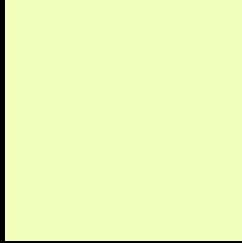
Large Text (above 18pt) WCAG AA × Fail

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 81.7992, 94.2055, 61.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

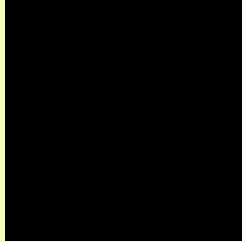
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7992, 94.2055, 61.4492

Background



This preview shows how black text looks on a background with the XYZ color 81.7992, 94.2055, 61.4492.



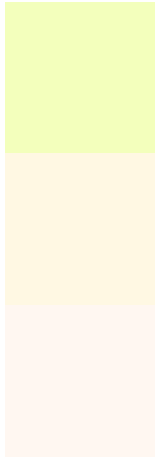
This preview shows how white text looks on a background with the XYZ color 81.7992, 94.2055,

61.4492.

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

81.7992, 94.2055, 61.4492

Protanopia

88.6725, 93.9409, 86.1319

Deuteranopia

90.3779, 94.1324, 96.6250

Tritanopia

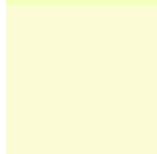
90.7351, 94.0655, 107.9820

Trichromacy



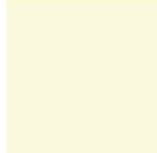
Original Color

81.7992, 94.2055, 61.4492



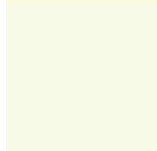
Protanomaly

86.2911, 94.3077, 76.6060



Deuteranomaly

87.1541, 94.1544, 82.6873



Tritanomaly

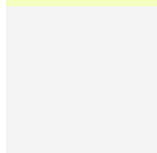
86.9672, 93.9149, 89.1450

Monochromacy



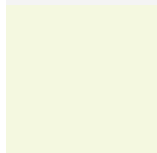
Original Color

81.7992, 94.2055, 61.4492



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.3302, 91.7497, 83.7858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7992, 94.2055, 61.4492 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(243, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 188)  
}
```

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(243, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 81.7992, 94.2055, 61.4492 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(243, 255, 188) }
```


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

```
.border{ border-color:rgb(243, 255, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7992, 94.2055, 61.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 188) }
```

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

```
.background{ background-color: rgb(243,  
255, 188) }
```

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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