

Converting Colors

XYZ(79.9466, 93.2417, 61.7584)

Have a look what the booklet for
XYZ(79.9466, 93.2417, 61.7584)
contains.

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Color

**XYZ(79.8704, 93.1986,
61.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFBD
RGB	237, 255, 189
RGB Percent	93%, 100%, 74%
CMY	0.0706, 0.0000, 0.2588
CMYK	0.07, 0.00, 0.26, 0.00
HSL	76°, 100%, 87%
HSV	76°, 26%, 100%
XYZ	79.8704, 93.1986, 61.9236
YIQ	242.0940, 10.4580, -24.3420

Conversions

Conversions Part 2

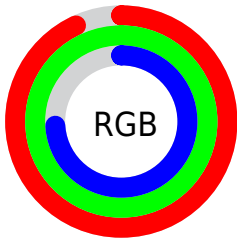
Format	Color
RYB	189, 255, 207
Decimal	15597501
CIELab	97.31, -16.57, 29.66
CIELCh	97, 33.970, 119.189
Yxy	93.1986, 0.3399, 0.3966
Android (android.graphics.Color)	4293787581 (0xFFEDFFBD)
YUV	242.0940, -26.1753, -4.4674
Hunter-Lab	96.5394, -21.2648, 29.5470

Details

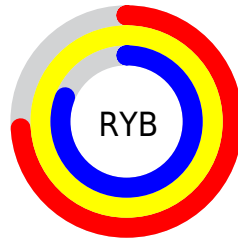
The XYZ color **79.8704, 93.1986, 61.9236** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.9806, 56.8818, 102.3203**, and the grayscale version is **84.6667, 89.0760, 97.0038**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **43.6233, 51.9612, 30.6520** is the 20% darker color. If you saturate the color by 10%, you get **75.0640, 91.0131, 48.4977**, and if you desaturate by 10%, it is **85.2546, 95.6259, 77.9194**.

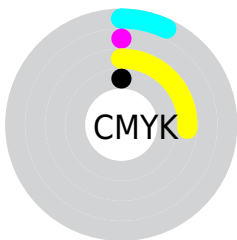
Distribution



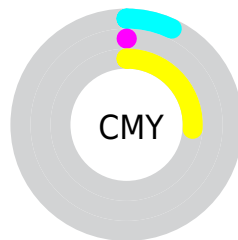
- Red (93%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8704, 93.1986, 61.9236 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 79.8704, 93.1986, 61.9236 by changing the saturation by 10% instead.


 79.8704, 93.1986,
61.9236

 79.8704, 93.1986,
61.9236


483.2392,
538.3818, 449.6523

 59.9198, 70.6366,
44.5356


 132.1350,
151.7735, 109.1856

 43.6032, 52.0457,
30.7515


165.1797,
188.5553, 139.8967

 30.5553, 37.0415,
20.1528


203.3198,
230.8456, 175.8859

 20.4106, 25.2396,
12.3210

246.9207,
279.0291, 217.5717

 12.8038, 16.2557,
6.8375

296.3477,
333.4901, 265.3728

 7.3697, 9.7052,
3.2838

351.9663,

 3.7427, 5.2040,

394.6129, 319.7075

1.2413

414.1416,
462.7820, 380.9945

■ 1.5576, 2.3674,
0.0129

■ 0.3646, 0.8091,
0.0000

■ 79.8704, 93.1986,
61.9236

■ 79.8704, 93.1986,
61.9236

■ 75.0640, 91.0131,
48.4977

■ 85.2546, 95.6259,
77.9194

■ 70.8074, 89.0576,
37.5035

■ 91.2397, 98.3039,
96.6056

■ 67.0722, 87.3210,
28.7958

95.0500, 100.0000,
108.9000

■ 63.8267, 85.7902,
22.2125

■ 61.0349, 84.4508,
17.5699

■ 58.6551, 83.2860,
14.6536

■ 56.6355, 82.2750,
13.1974

■ 55.8776, 81.8910,
12.8615

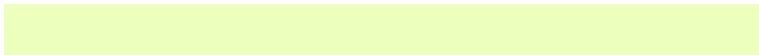
Harmonies

Analogous

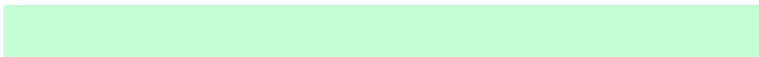
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8444, 93.1986, 57.2160



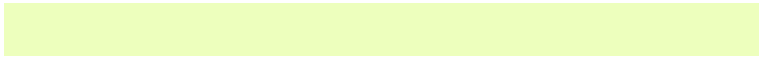
79.8704, 93.1986, 61.9236



73.6369, 93.1986, 76.7061

Triad

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



79.8704, 93.1986, 61.9236



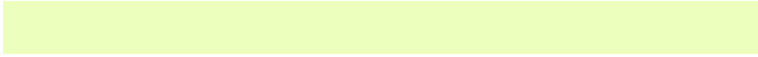
79.4481, 93.1986, 154.0703



108.3797, 93.1986, 102.2287

Complementary

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



79.8704, 93.1986, 61.9236



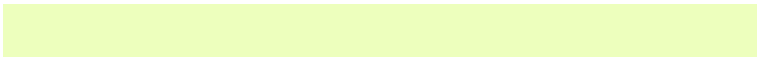
61.9806, 56.8818, 102.3203

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.



105.4248, 93.1986, 131.0787



79.8704, 93.1986, 61.9236



88.3211, 93.1986, 164.1450

Square

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



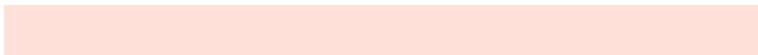
79.8704, 93.1986, 61.9236



73.4058, 93.1986, 129.5452



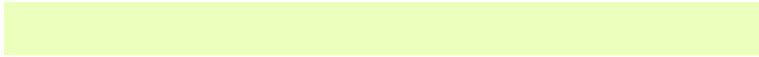
97.9061, 93.1986, 155.0624



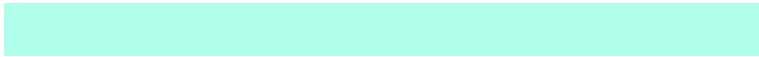
105.7189, 93.1986, 77.7883

Rectangle

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



79.8704, 93.1986, 61.9236



71.6388, 93.1986, 91.8683



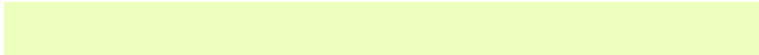
97.9061, 93.1986, 155.0624



108.0069, 93.1986, 111.7343

Sweetspot

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



79.8709, 93.1989, 61.9250



89.9203, 97.7151, 92.4162



72.6420, 69.3671, 57.7060



19.0497, 20.8271, 19.1603



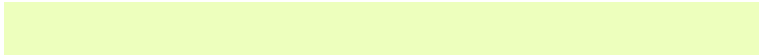
0.0000, 0.0000, 0.0000



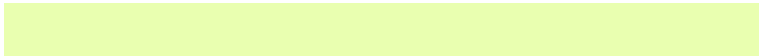
20.3446, 21.4041, 23.3091

Same Dimension

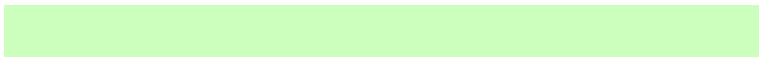
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8709, 93.1989, 61.9250



77.3400, 92.0506, 54.7397



69.9577, 88.0884, 61.4610



19.0497, 20.8271, 19.1603



29.3481, 42.8676, 6.7275



2.9625, 4.2280, 0.6599

Inverse Universe

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



61.9806, 56.8818, 102.3203



56.7250, 50.1902, 101.3057



72.0478, 62.0716, 102.7914



17.4678, 17.6174, 22.7298



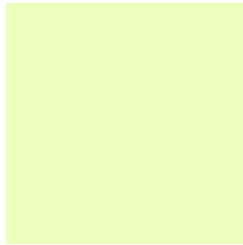
10.8559, 4.5069, 49.7323



1.1564, 0.4901, 4.8469

Previews

White Background



This preview shows how the XYZ color 79.8704, 93.1986, 61.9236 looks on a white background.

Color Contrast Check

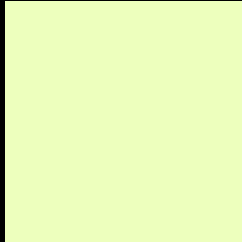
Large Text (above 18pt) WCAG AA × Fail

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 79.8704, 93.1986, 61.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

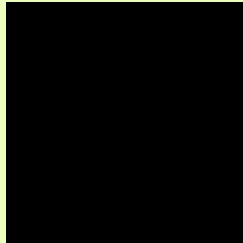
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

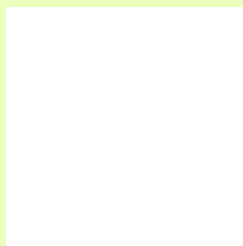
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8704, 93.1986, 61.9236

Background



This preview shows how black text looks on a background with the XYZ color 79.8704, 93.1986, 61.9236.



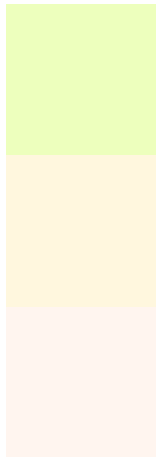
This preview shows how white text looks on a background with the XYZ color 79.8704, 93.1986,

61.9236.

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

79.8704, 93.1986, 61.9236

Protanopia

87.6856, 93.0555, 82.4472

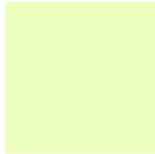
Deuteranopia

89.4724, 92.7968, 94.8572

Tritanopia

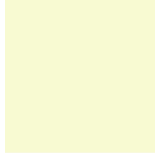
89.3635, 92.9057, 107.8304

Trichromacy



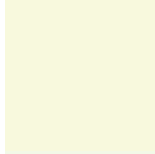
Original Color

79.8704, 93.1986, 61.9236



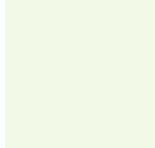
Protanomaly

84.5299, 92.9808, 74.4647



Deuteranomaly

85.6382, 92.9283, 81.8299



Tritanomaly

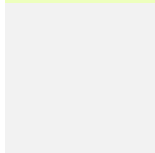
85.2616, 92.5756, 88.9764

Monochromacy



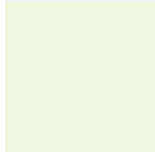
Original Color

79.8704, 93.1986, 61.9236



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.5152, 90.3745, 82.9070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8704, 93.1986, 61.9236 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, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 189)  
}
```

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, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 79.8704, 93.1986, 61.9236 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, 255, 189) }
```


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

```
.border{ border-color:rgb(237, 255, 189) }
```

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

Here you see how a box with a 4 pixel rgb(237, 255, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8704, 93.1986, 61.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 189) }
```

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

```
.background{ background-color: rgb(237,  
255, 189) }
```

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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