

Converting Colors

XYZ(92.8732, 121.6080,
66.8829)

Have a look what the booklet for
XYZ(92.8732, 121.6080, 66.8829)
contains.

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Color

**XYZ(78.2240, 92.3499,
61.8466)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFBD
RGB	232, 255, 189
RGB Percent	91%, 100%, 74%
CMY	0.0902, 0.0000, 0.2588
CMYK	0.09, 0.00, 0.26, 0.00
HSL	81°, 100%, 87%
HSV	81°, 26%, 100%
XYZ	78.2240, 92.3499, 61.8466
YIQ	240.5990, 7.4780, -25.4020

Conversions

Conversions Part 2

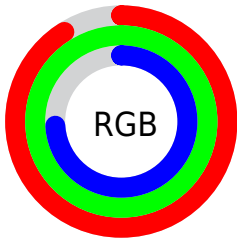
Format	Color
RYB	189, 255, 212
Decimal	15269821
CIELab	96.96, -18.34, 29.13
CIELCh	97, 34.425, 122.200
Yxy	92.3499, 0.3366, 0.3973
Android (android.graphics.Color)	4293459901 (0xFFE8FFBD)
YUV	240.5990, -25.4383, -7.5413
Hunter-Lab	96.0989, -22.8749, 29.1118

Details

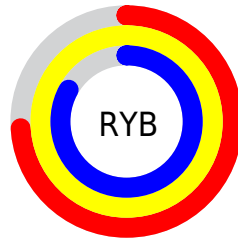
The XYZ color **78.2240, 92.3499, 61.8466** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.4000, 57.6135, 102.3867**, and the grayscale version is **83.4826, 87.8302, 95.6471**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **42.4718, 51.3675, 30.5981** is the 20% darker color. If you saturate the color by 10%, you get **72.8826, 89.8885, 48.3957**, and if you desaturate by 10%, it is **84.1990, 95.0817, 77.8701**.

Distribution



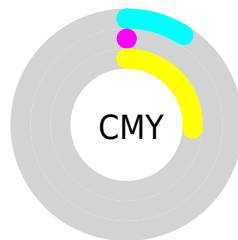
- Red (91%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2240, 92.3499, 61.8466 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 78.2240, 92.3499, 61.8466 by changing the saturation by 10% instead.


 78.2240, 92.3499,
61.8466

 78.2240, 92.3499,
61.8466


477.7554,
535.6457, 449.3635

 58.5614, 69.9313,
44.4738


 129.8295,
150.5983, 109.0732

 42.5052, 51.4705,
30.7032


162.5032,
187.1968, 139.7641

 29.6899, 36.5832,
20.1164

200.2446,
229.2907, 175.7315

 19.7502, 24.8850,
12.2948

243.4192,
277.2645, 217.3938

 12.3208, 15.9914,
6.8198

292.3922,
331.5025, 265.1696

 7.0363, 9.5180,
3.2729

347.5290,

 3.5314, 5.0806,

392.3891, 319.4774

1.2356

409.1949,
460.3087, 380.7359

■ 1.4406, 2.2946,
0.0081

■ 0.2849, 0.7709,
0.0000

■ 78.2240, 92.3499,
61.8466

■ 78.2240, 92.3499,
61.8466

■ 72.8826, 89.8885,
48.3957

■ 84.1990, 95.0817,
77.8701

■ 68.1457, 87.6855,
37.3790

■ 90.8317, 98.0936,
96.5865

■ 63.9838, 85.7288,
28.6513

95.0500, 100.0000,
108.9000

■ 60.3639, 84.0050,
22.0504

■ 57.2488, 82.4990,
17.3927

■ 54.5955, 81.1932,
14.4636

■ 52.3510, 80.0663,
12.9969

■ 51.5143, 79.6417,
12.6573

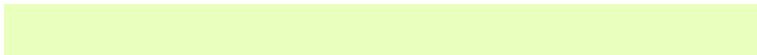
Harmonies

Analogous

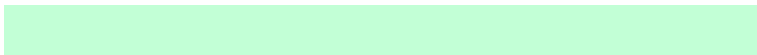
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0631, 92.3499, 56.1296



78.2240, 92.3499, 61.8466



72.3155, 92.3499, 77.6795

Triad

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



78.2240, 92.3499, 61.8466



79.3760, 92.3499, 155.4775



107.7250, 92.3499, 98.5204

Complementary

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



78.2240, 92.3499, 61.8466



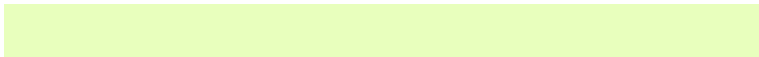
63.4000, 57.6135, 102.3867

Split Complementary

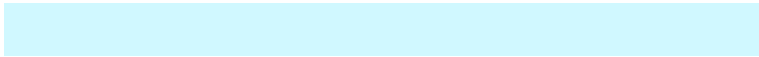
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.2960, 92.3499, 127.5271



78.2240, 92.3499, 61.8466



88.4924, 92.3499, 163.7981

Square

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



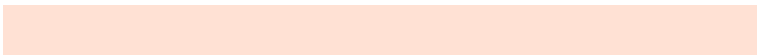
78.2240, 92.3499, 61.8466



72.9454, 92.3499, 131.7262



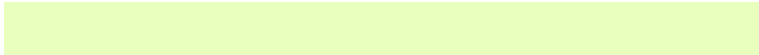
98.0752, 92.3499, 152.7566



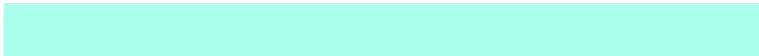
104.4912, 92.3499, 74.7328

Rectangle

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



78.2240, 92.3499, 61.8466



70.5923, 92.3499, 93.4892



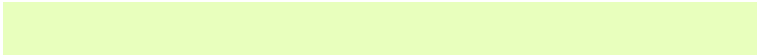
98.0752, 92.3499, 152.7566



107.5434, 92.3499, 107.9646

Sweetspot

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



78.2245, 92.3501, 61.8479



89.3704, 97.4316, 92.3905



73.7202, 71.5235, 58.0654



18.9108, 20.7554, 19.1538



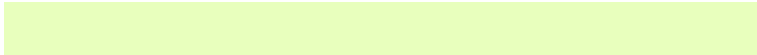
0.0000, 0.0000, 0.0000



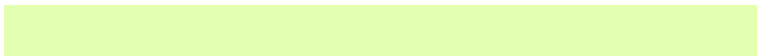
20.3446, 21.4041, 23.3091

Same Dimension

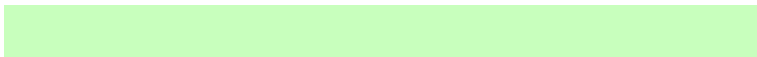
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2245, 92.3501, 61.8479



75.4129, 91.0571, 54.6495



68.7655, 87.4739, 61.4053



18.9108, 20.7554, 19.1538



27.0848, 41.7008, 6.6215



2.7552, 4.1211, 0.6502

Inverse Universe

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



63.4000, 57.6135, 102.3867



58.3300, 51.0176, 101.3808



73.5565, 62.8494, 102.8620



17.6000, 17.6855, 22.7360



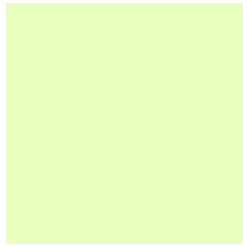
11.7222, 4.9535, 49.7729



1.2540, 0.5404, 4.8515

Previews

White Background



This preview shows how the XYZ color 78.2240, 92.3499, 61.8466 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 78.2240, 92.3499, 61.8466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

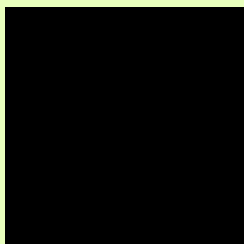
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

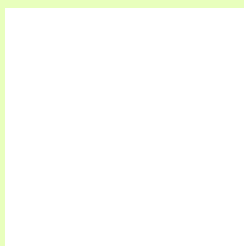
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2240, 92.3499, 61.8466

Background



This preview shows how black text looks on a background with the XYZ color 78.2240, 92.3499, 61.8466.



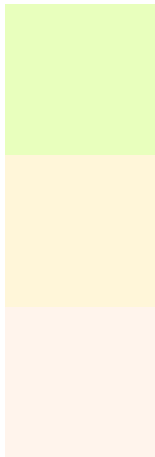
This preview shows how white text looks on a background with the XYZ color 78.2240, 92.3499,

61.8466.

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

78.2240, 92.3499, 61.8466

Protanopia

86.7202, 92.1813, 78.8678

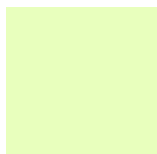
Deuteranopia

88.7310, 92.0175, 92.4414

Tritanopia

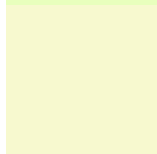
88.3140, 92.3646, 107.7813

Trichromacy



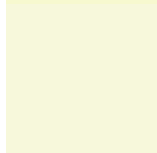
Original Color

78.2240, 92.3499, 61.8466



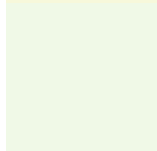
Protanomaly

83.4959, 92.0305, 72.3944



Deuteranomaly

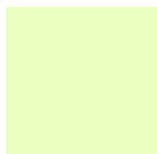
84.7114, 92.0234, 80.3154



Tritanomaly

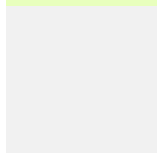
84.2347, 92.0462, 88.9283

Monochromacy



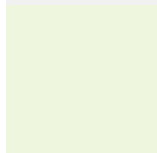
Original Color

78.2240, 92.3499, 61.8466



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.4005, 89.3626, 82.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2240, 92.3499, 61.8466 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, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 78.2240, 92.3499, 61.8466 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, 255, 189) }
```


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

```
.border{ border-color:rgb(232, 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(232, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2240, 92.3499, 61.8466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 189) }
```

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

```
.background{ background-color: rgb(232,  
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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