

Converting Colors

XYZ(77.0943, 91.8291, 59.0099)

Have a look what the booklet for
XYZ(77.0943, 91.8291, 59.0099)
contains.

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Color

**XYZ(77.0449, 91.8037,
59.0066)**

Conversions

Conversions Part 1	
Format	Color
Hex	E6FFB8
RGB	230, 255, 184
RGB Percent	90%, 100%, 72%
CMY	0.0980, 0.0000, 0.2784
CMYK	0.10, 0.00, 0.28, 0.00
HSL	81°, 100%, 86%
HSV	81°, 28%, 100%
XYZ	77.0449, 91.8037, 59.0066
YIQ	239.4310, 7.8910, -27.3810

Conversions

Conversions Part 2

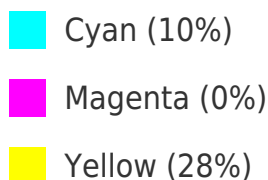
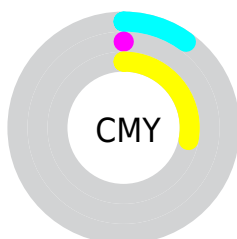
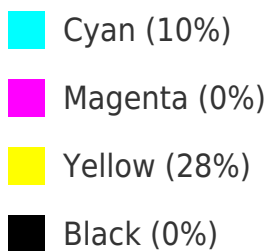
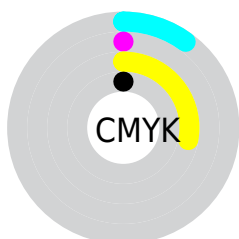
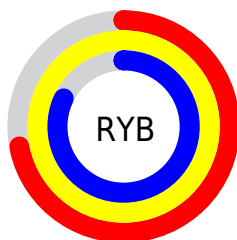
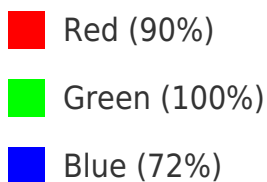
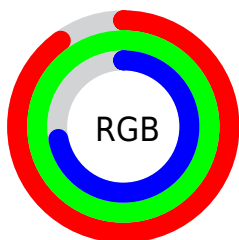
Format	Color
RYB	184, 255, 209
Decimal	15138744
CIELab	96.74, -19.75, 31.32
CIELCh	97, 37.027, 122.233
Yxy	91.8037, 0.3381, 0.4029
Android (android.graphics.Color)	4293328824 (0xFFE6FFB8)
YUV	239.4310, -27.3275, -8.2710
Hunter-Lab	95.8142, -24.1418, 30.5566

Details

The XYZ color **77.0449, 91.8037, 59.0066** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4860, 55.0575, 101.9942**, and the grayscale version is **82.5815, 86.8821, 94.6146**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **41.6789, 50.9985, 28.7661** is the 20% darker color. If you saturate the color by 10%, you get **71.8003, 89.3815, 46.0430**, and if you desaturate by 10%, it is **82.9207, 94.4956, 74.5173**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0449, 91.8037, 59.0066 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 77.0449, 91.8037, 59.0066 by changing the saturation by 10% instead.


 77.0449, 91.8037,
59.0066

 77.0449, 91.8037,
59.0066


473.8067,
533.8809, 438.6289

 57.5898, 69.4776,
42.1984


 128.1754,
149.8413, 104.9165

 41.7209, 51.1008,
28.9299


160.5814,
186.3216, 134.8552

 29.0730, 36.2888,
18.7827


198.0352,
228.2887, 170.0079

 19.2806, 24.6573,
11.3381

240.9020,
276.1271, 210.7930

 11.9784, 15.8219,
6.1777

289.5472,
330.2211, 257.6291

 6.8011, 9.3982,
2.8829


344.3361,


 3.3832, 5.0018,


390.9551, 310.9348


1.0352


405.6342,
458.7136, 371.1286


 1.3595, 2.2483,
0.0000


 0.2271, 0.7462,
0.0000


 77.0449, 91.8037,
59.0066


 77.0449, 91.8037,
59.0066

 71.8003, 89.3815,
46.0430


 82.9207, 94.4956,
74.5173

 67.1576, 87.2169,
35.4862


 89.4525, 97.4672,
92.6975

 63.0864, 85.2976,
27.1880


95.0500, 100.0000,
108.9000

 59.5531, 83.6098,
20.9827

 56.5194, 82.1380,
16.6815

 53.9406, 80.8639,
14.0618

 51.7579, 79.7637,
12.8260

 51.3209, 79.5420,
12.6482

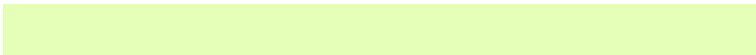
Harmonies

Analogous

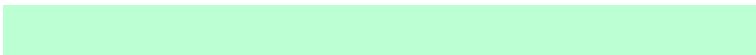
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4819, 91.8037, 53.0544



77.0449, 91.8037, 59.0066



70.7709, 91.8037, 75.6380

Triad

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



77.0449, 91.8037, 59.0066



78.2903, 91.8037, 159.5020



108.7432, 91.8037, 97.7496

Complementary

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



77.0449, 91.8037, 59.0066



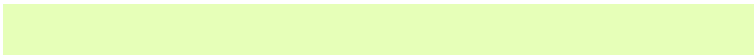
61.4860, 55.0575, 101.9942

Split Complementary

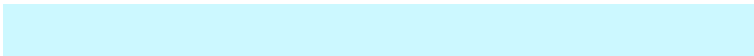
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.1222, 91.8037, 129.0027



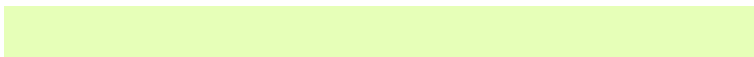
77.0449, 91.8037, 59.0066



88.0360, 91.8037, 168.5924

Square

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



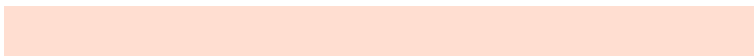
77.0449, 91.8037, 59.0066



71.4489, 91.8037, 133.6260



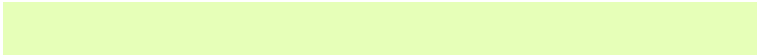
98.3331, 91.8037, 156.4824



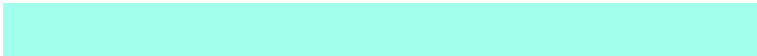
105.2393, 91.8037, 72.4821

Rectangle

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



77.0449, 91.8037, 59.0066



68.9484, 91.8037, 92.4355



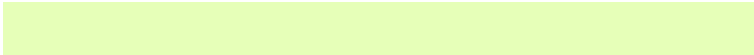
98.3331, 91.8037, 156.4824



108.5489, 91.8037, 107.8792

Sweetspot

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



77.0453, 91.8039, 59.0079



89.3442, 97.4181, 92.3892



72.6560, 70.2489, 55.0787



18.9041, 20.7520, 19.1535



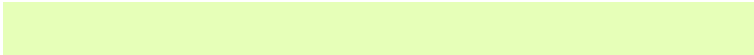
0.0000, 0.0000, 0.0000



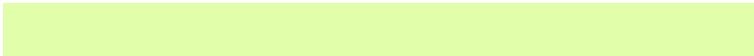
20.3446, 21.4041, 23.3091

Same Dimension

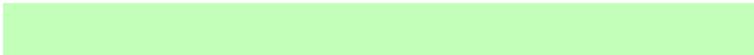
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0453, 91.8039, 59.0079



74.2631, 90.5216, 52.0115



66.8279, 86.5366, 58.5298



18.9041, 20.7520, 19.1535



26.9843, 41.6490, 6.6168



2.7459, 4.1163, 0.6498

Inverse Universe

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



61.4860, 55.0575, 101.9942



56.5325, 48.6348, 101.0156



72.6209, 60.7978, 102.5154



17.6064, 17.6888, 22.7363



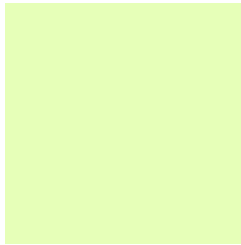
11.7698, 4.9780, 49.7751



1.2591, 0.5430, 4.8517

Previews

White Background



This preview shows how the XYZ color 77.0449, 91.8037, 59.0066 looks on a white background.

Color Contrast Check

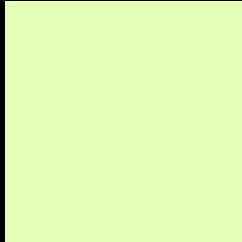
Large Text (above 18pt) WCAG AA × Fail

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 77.0449, 91.8037, 59.0066 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

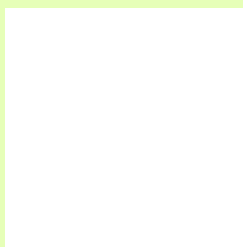
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0449, 91.8037, 59.0066

Background



This preview shows how black text looks on a background with the XYZ color 77.0449, 91.8037, 59.0066.

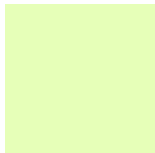


This preview shows how white text looks on a background with the XYZ color 77.0449, 91.8037, 59.0066.

Color Blindness Simulation

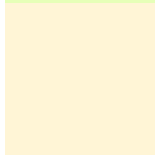
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



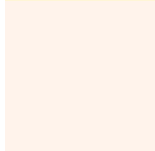
Original Color

77.0449, 91.8037, 59.0066



Protanopia

86.0300, 91.4199, 76.7299



Deuteranopia

88.2860, 91.3593, 91.5782



Tritanopia

87.6646, 91.5795, 107.6639

Trichromacy

	Original Color 77.0449, 91.8037, 59.0066
	Protanomaly 82.6612, 91.6560, 69.8346
	Deuteranomaly 83.6615, 91.0722, 78.1350
	Tritanomaly 83.2784, 91.5856, 87.4173

Monochromacy

	Original Color 77.0449, 91.8037, 59.0066
	Achromatopsia 82.0431, 86.3157, 93.9978
	Achromatomaly 80.0307, 88.2522, 79.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0449, 91.8037, 59.0066 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(230, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 184)  
}
```

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(230, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 77.0449, 91.8037, 59.0066 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(230, 255, 184) }
```


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

```
.border{ border-color:rgb(230, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0449, 91.8037, 59.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 184) }
```

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

```
.background{ background-color: rgb(230,  
255, 184) }
```

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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awesome pro features!

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