

Converting Colors

XYZ(138.2108, 217.0160,
78.4944)

Have a look what the booklet for
XYZ(138.2108, 217.0160, 78.4944)
contains.

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Color

**XYZ(75.1518, 90.8637,
57.2936)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1FFB5 |
| RGB | 225, 255, 181 |
| RGB Percent | 88%, 100%, 71% |
| CMY | 0.1176, 0.0000, 0.2902 |
| CMYK | 0.12, 0.00, 0.29, 0.00 |
| HSL | 84°, 100%, 85% |
| HSV | 84°, 29%, 100% |
| XYZ | 75.1518, 90.8637, 57.2936 |
| YIQ | 237.5940, 5.8740, -29.3740 |

Conversions

Conversions Part 2

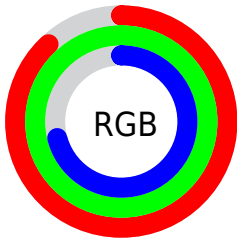
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 181, 255, 211 |
| Decimal | 14811061 |
| CIELab | 96.35, -21.93, 32.25 |
| CIELCh | 96, 39.001, 124.223 |
| Yxy | 90.8637, 0.3365, 0.4069 |
| Android (android.graphics.Color) | 4293001141 (0xFFE1FFB5) |
| YUV | 237.5940, -27.9008, -11.0449 |
| Hunter-Lab | 95.3225, -26.0857, 31.0894 |

Details

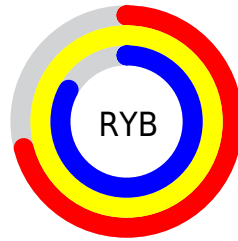
The XYZ color **75.1518, 90.8637, 57.2936** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4389, 54.1179, 101.8154**, and the grayscale version is **81.1591, 85.3857, 92.9850**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **40.4526, 50.3817, 28.0146** is the 20% darker color. If you saturate the color by 10%, you get **69.6440, 88.2995, 44.6049**, and if you desaturate by 10%, it is **81.3346, 93.7205, 72.5161**.

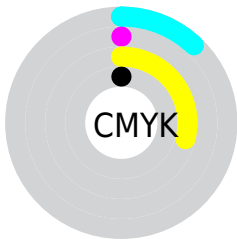
Distribution



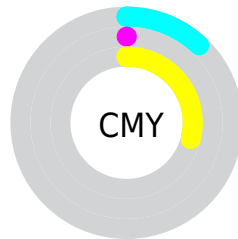
- Red (88%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (83%)



- Cyan (12%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1518, 90.8637, 57.2936 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 75.1518, 90.8637, 57.2936 by changing the saturation by 10% instead.


 75.1518, 90.8637,
57.2936

 75.1518, 90.8637,
57.2936


467.4283,
530.8364, 432.0731

 56.0319, 68.6972,
40.8301


 125.5140,
148.5375, 102.3980

 40.4656, 50.4652,
27.8676


157.4869,
184.8137, 131.8761

 28.0876, 35.7831,
17.9877


194.4750,
226.5618, 166.5293

 18.5325, 24.2668,
10.7718


236.8434,
274.1664, 206.7763

 11.4349, 15.5316,
5.8014

284.9576,
328.0117, 253.0357

 6.4296, 9.1933,
2.6579

339.1829,

 3.1512, 4.8675,

388.4822, 305.7259

0.9221

399.8847,
455.9623, 365.2655

■ 1.2342, 2.1697,
0.0000

■ 0.1331, 0.7034,
0.0000

■ 75.1518, 90.8637,
57.2936

■ 75.1518, 90.8637,
57.2936

■ 69.6440, 88.2995,
44.6049

■ 81.3346, 93.7205,
72.5161

■ 64.7803, 86.0151,
34.3082

■ 88.2185, 96.8807,
90.3960

■ 60.5290, 83.9973,
26.2538

95.0500, 100.0000,
108.9000

■ 56.8545, 82.2316,
20.2733

■ 53.7166, 80.7014,
16.1748

■ 51.0683, 79.3875,
13.7305

■ 48.8417, 78.2623,
12.6038

■ 48.6379, 78.1588,
12.5227

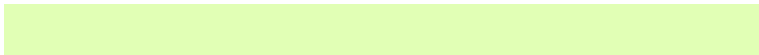
Harmonies

Analogous

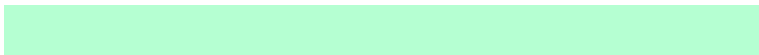
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8360, 90.8637, 50.5053



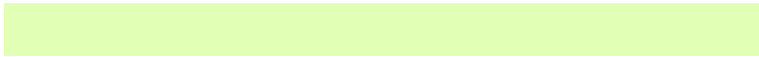
75.1518, 90.8637, 57.2936



68.9037, 90.8637, 75.1570

Triad

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



75.1518, 90.8637, 57.2936



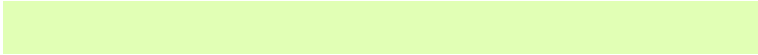
77.6034, 90.8637, 163.0912



108.8880, 90.8637, 94.6001

Complementary

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



75.1518, 90.8637, 57.2936



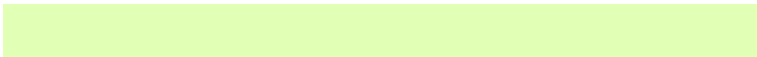
61.4389, 54.1179, 101.8154

Split Complementary

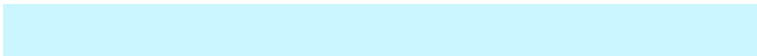
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.5479, 90.8637, 127.2638



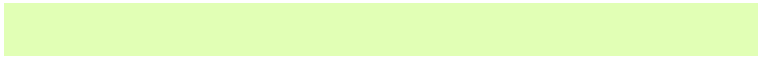
75.1518, 90.8637, 57.2936



87.9087, 90.8637, 171.2968

Square

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



75.1518, 90.8637, 57.2936



70.2338, 90.8637, 136.4921



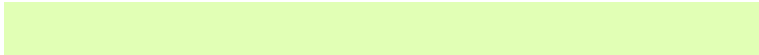
98.6377, 90.8637, 157.0280



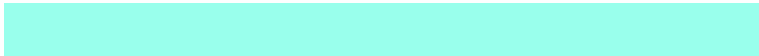
104.7904, 90.8637, 68.9891

Rectangle

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



75.1518, 90.8637, 57.2936



67.2227, 90.8637, 93.0407



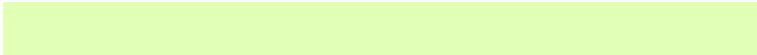
98.6377, 90.8637, 157.0280



108.8305, 90.8637, 105.0733

Sweetspot

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



75.1523, 90.8639, 57.2949



88.2320, 96.8869, 90.4319



72.7761, 70.9870, 53.5835



18.6613, 20.6352, 18.7628



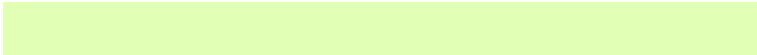
0.0000, 0.0000, 0.0000



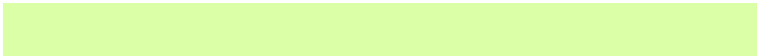
20.3446, 21.4041, 23.3091

Same Dimension

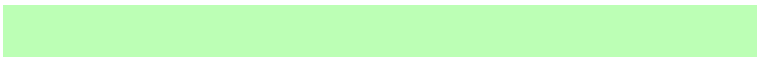
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1523, 90.8639, 57.2949



71.7784, 89.2957, 49.4089



64.9390, 85.5988, 56.8170



18.8072, 20.7021, 19.1490



25.5878, 40.9291, 6.5515



2.6152, 4.0489, 0.6437

Inverse Universe

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



61.4389, 54.1179, 101.8154



55.9798, 46.9488, 100.7193



73.1442, 60.1522, 102.3632



17.7002, 17.7372, 22.7407



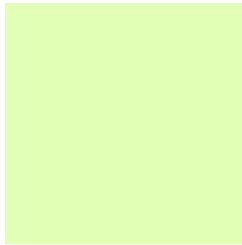
12.5354, 5.3727, 49.8109



1.3404, 0.5849, 4.8555

Previews

White Background



This preview shows how the XYZ color 75.1518, 90.8637, 57.2936 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 75.1518, 90.8637, 57.2936 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

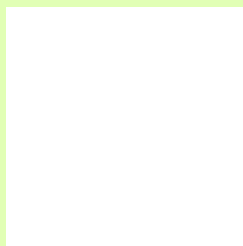
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1518, 90.8637, 57.2936

Background



This preview shows how black text looks on a background with the XYZ color 75.1518, 90.8637, 57.2936.



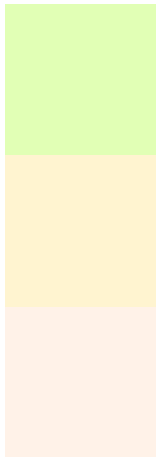
This preview shows how white text looks on a background with the XYZ color 75.1518, 90.8637,

57.2936.

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

75.1518, 90.8637, 57.2936

Protanopia

84.9758, 90.5154, 72.6670

Deuteranopia

87.5576, 90.5905, 89.2149

Tritanopia

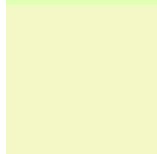
86.3359, 90.4466, 107.5153

Trichromacy



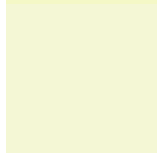
Original Color

75.1518, 90.8637, 57.2936



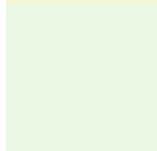
Protanomaly

81.0687, 90.4451, 66.6110



Deuteranomaly

82.5792, 90.5587, 76.0780



Tritanomaly

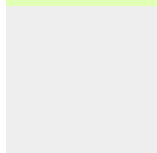
81.8319, 90.3984, 86.5344

Monochromacy



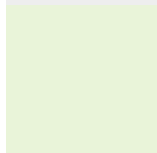
Original Color

75.1518, 90.8637, 57.2936



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.4793, 87.0348, 78.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1518, 90.8637, 57.2936 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(225, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 181)  
}
```

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(225, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 75.1518, 90.8637, 57.2936 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(225, 255, 181) }
```


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

```
.border{ border-color:rgb(225, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1518, 90.8637, 57.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 181) }
```

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

```
.background{ background-color: rgb(225,  
255, 181) }
```

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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