

Converting Colors

XYZ(77.0278, 95.0418, 58.1678)

Have a look what the booklet for
XYZ(77.0278, 95.0418, 58.1678)
contains.

XYZ(74.8410, 90.7035, 57.2790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8410, 90.7035,
57.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFB5
RGB	224, 255, 181
RGB Percent	88%, 100%, 71%
CMY	0.1216, 0.0000, 0.2902
CMYK	0.12, 0.00, 0.29, 0.00
HSL	85°, 100%, 85%
HSV	85°, 29%, 100%
XYZ	74.8410, 90.7035, 57.2790
YIQ	237.2950, 5.2780, -29.5860

Conversions

Conversions Part 2

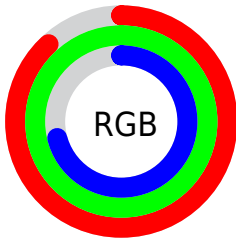
Format	Color
RYB	181, 255, 212
Decimal	14745525
CIELab	96.29, -22.29, 32.15
CIElCh	96, 39.119, 124.733
Yxy	90.7035, 0.3359, 0.4071
Android (android.graphics.Color)	4292935605 (0xFFE0FFB5)
YUV	237.2950, -27.7534, -11.6597
Hunter-Lab	95.2384, -26.3969, 31.0082

Details

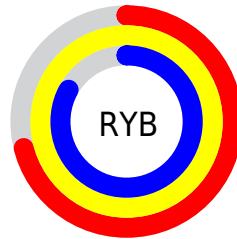
The XYZ color **74.8410, 90.7035, 57.2790** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.7262, 54.2660, 101.8288**, and the grayscale version is **80.9273, 85.1419, 92.7195**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **40.2388, 50.2715, 28.0046** is the 20% darker color. If you saturate the color by 10%, you get **69.2517, 88.0973, 44.5865**, and if you desaturate by 10%, it is **81.1182, 93.6090, 72.5060**.

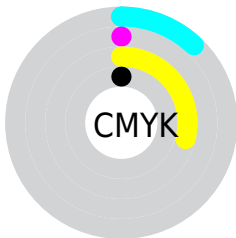
Distribution



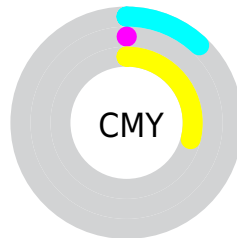
- Red (88%)
- Green (100%)
- Blue (71%)



- 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 74.8410, 90.7035, 57.2790 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 74.8410, 90.7035, 57.2790 by changing the saturation by 10% instead.


 74.8410, 90.7035,
57.2790

 74.8410, 90.7035,
57.2790


466.3765,
530.3167, 432.0169

 55.7764, 68.5643,
40.8184


 125.0764,
148.3152, 102.3765

 40.2599, 50.3569,
27.8586


156.9778,
184.5565, 131.8506

 27.9264, 35.6971,
17.9810


193.8889,
226.2672, 166.4996

 18.4103, 24.2003,
10.7670

236.1750,
273.8318, 206.7420

 11.3465, 15.4823,
5.7982

284.2015,
327.6346, 252.9964

 6.3694, 9.1586,
2.6560

338.3336,

 3.1137, 4.8448,

388.0601, 305.6813

0.9211

398.9368,
455.4927, 365.2153

■ 1.2142, 2.1565,
0.0000

■ 0.1175, 0.6961,
0.0000

■ 74.8410, 90.7035,
57.2790

■ 74.8410, 90.7035,
57.2790

■ 69.2517, 88.0973,
44.5865

■ 81.1182, 93.6090,
72.5060

■ 64.3189, 85.7772,
34.2866

■ 88.1098, 96.8247,
90.3908

■ 60.0107, 83.7301,
26.2295

95.0500, 100.0000,
108.9000

■ 56.2910, 81.9411,
20.2469

■ 53.1193, 80.3935,
16.1469

■ 50.4480, 79.0677,
13.7015

■ 48.2089, 77.9361,
12.5742

■ 48.0044, 77.8322,
12.4930

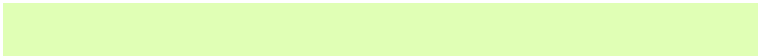
Harmonies

Analogous

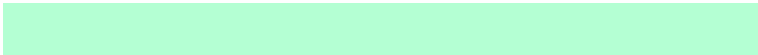
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4976, 90.7035, 50.3060



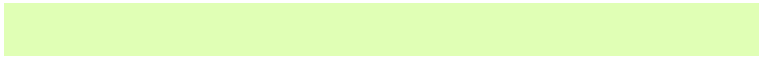
74.8410, 90.7035, 57.2790



68.6552, 90.7035, 75.3480

Triad

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



74.8410, 90.7035, 57.2790



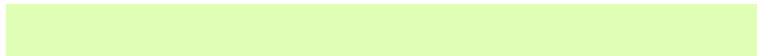
77.5928, 90.7035, 163.3952



108.7664, 90.7035, 93.9027

Complementary

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



74.8410, 90.7035, 57.2790



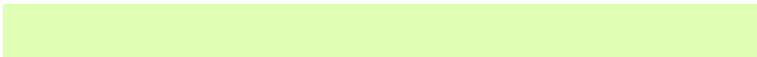
61.7262, 54.2660, 101.8288

Split Complementary

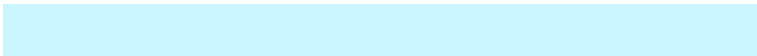
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.5302, 90.7035, 126.5811



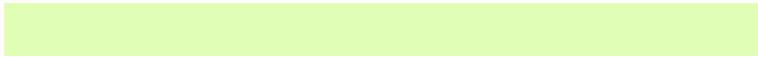
74.8410, 90.7035, 57.2790



87.9474, 90.7035, 171.2439

Square

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



74.8410, 90.7035, 57.2790



70.1478, 90.7035, 136.9475



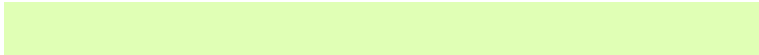
98.6778, 90.7035, 156.5820



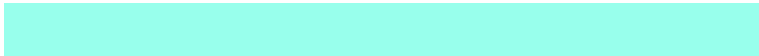
104.5563, 90.7035, 68.4275

Rectangle

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



74.8410, 90.7035, 57.2790



67.0258, 90.7035, 93.3665



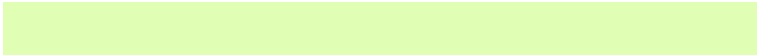
98.6778, 90.7035, 156.5820



108.7466, 90.7035, 104.3587

Sweetspot

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



74.8414, 90.7037, 57.2803



88.1235, 96.8310, 90.4268



73.0829, 71.6007, 53.6857



18.6346, 20.6214, 18.7615



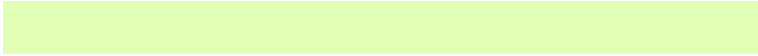
0.0000, 0.0000, 0.0000



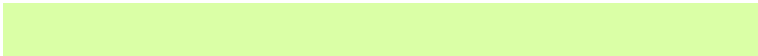
20.3446, 21.4041, 23.3091

Same Dimension

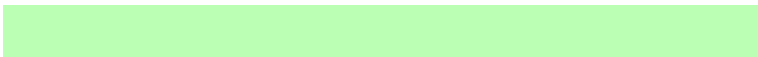
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8414, 90.7037, 57.2803



71.4173, 89.1096, 49.3920



64.6356, 85.4424, 56.8027



18.7828, 20.6895, 19.1478



25.2574, 40.7588, 6.5360



2.5838, 4.0328, 0.6422

Inverse Universe

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



61.7262, 54.2660, 101.8288



56.3072, 47.1176, 100.7346



73.5820, 60.3779, 102.3836



17.7241, 17.7495, 22.7418



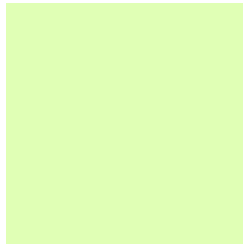
12.7498, 5.4833, 49.8210



1.3626, 0.5964, 4.8566

Previews

White Background



This preview shows how the XYZ color 74.8410, 90.7035, 57.2790 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 74.8410, 90.7035, 57.2790 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

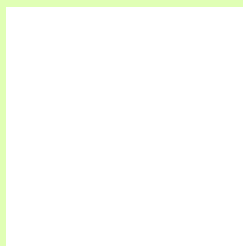
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8410, 90.7035, 57.2790

Background



This preview shows how black text looks on a background with the XYZ color 74.8410, 90.7035, 57.2790.



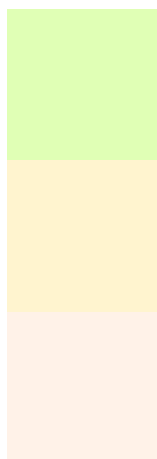
This preview shows how white text looks on a background with the XYZ color 74.8410, 90.7035,

57.2790.

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

74.8410, 90.7035, 57.2790

Protanopia

84.8532, 90.4664, 72.0210

Deuteranopia

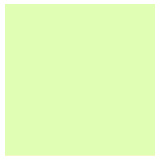
87.5576, 90.5905, 89.2149



Tritanopia

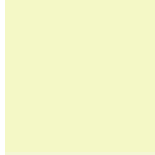
86.3359, 90.4466, 107.5153

Trichromacy



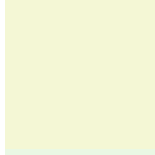
Original Color

74.8410, 90.7035, 57.2790



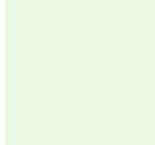
Protanomaly

81.0687, 90.4451, 66.6110



Deuteranomaly

82.5792, 90.5587, 76.0780



Tritanomaly

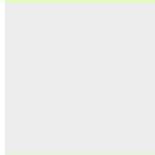
81.5027, 90.2287, 86.5190

Monochromacy



Original Color

74.8410, 90.7035, 57.2790



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1538, 86.8669, 78.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8410, 90.7035, 57.2790 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(224, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 74.8410, 90.7035, 57.2790 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(224, 255, 181) }
```


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

```
.border{ border-color:rgb(224, 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(224, 255, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8410, 90.7035, 57.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 181) }
```

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

```
.background{ background-color: rgb(224,  
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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