

Converting Colors

XYZ(80.3370, 100.0000,
61.2506)

Have a look what the booklet for
XYZ(80.3370, 100.0000, 61.2506)
contains.

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Color

**XYZ(75.9870, 91.2339,
60.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFBA
RGB	226, 255, 186
RGB Percent	89%, 100%, 73%
CMY	0.1137, 0.0000, 0.2706
CMYK	0.11, 0.00, 0.27, 0.00
HSL	85°, 100%, 86%
HSV	85°, 27%, 100%
XYZ	75.9870, 91.2339, 60.0593
YIQ	238.4630, 4.8650, -27.6070

Conversions

Conversions Part 2

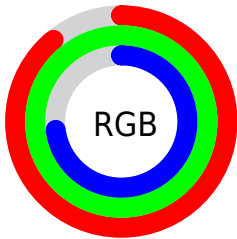
Format	Color
RYB	186, 255, 215
Decimal	14876602
CIELab	96.51, -20.88, 29.95
CIELCh	97, 36.516, 124.886
Yxy	91.2339, 0.3343, 0.4014
Android (android.graphics.Color)	4293066682 (0xFFE2FFBA)
YUV	238.4630, -25.8643, -10.9301
Hunter-Lab	95.5164, -25.1502, 29.5808

Details

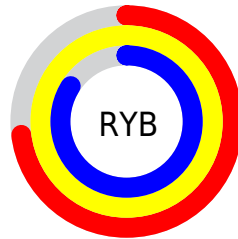
The XYZ color **75.9870, 91.2339, 60.0593** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.6341, 56.7861, 102.2147**, and the grayscale version is **81.8180, 86.0789, 93.7399**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **40.9365, 50.6002, 29.4390** is the 20% darker color. If you saturate the color by 10%, you get **70.2569, 88.5657, 46.8805**, and if you desaturate by 10%, it is **82.4120, 94.2045, 75.7984**.

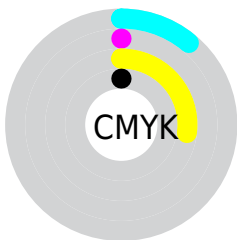
Distribution



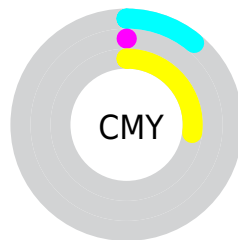
- Red (89%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9870, 91.2339, 60.0593 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 75.9870, 91.2339, 60.0593 by changing the saturation by 10% instead.

75.9870, 91.2339,
60.0593

75.9870, 91.2339,
60.0593

470.2483,
532.0366, 442.6270

56.7189, 69.0045,
43.0408

126.6890,
149.0512, 106.4599

41.0188, 50.7154,
29.5855

158.8535,
185.4078, 136.6791

28.5215, 35.9821,
19.2748

196.0476,
227.2423, 172.1356

18.8616, 24.4204,
11.6902

238.6366,
274.9390, 213.2480

11.6737, 15.6458,
6.4131

286.9858,
328.8825, 260.4348

6.5925, 9.2738,
3.0251

341.4605,

3.2527, 4.9202,

389.4569, 314.1146

1.1074

402.4263,
457.0468, 374.7058

■ 1.2887, 2.2005,
0.0000

■ 0.1748, 0.7203,
0.0000

■ 75.9870, 91.2339,
60.0593

■ 75.9870, 91.2339,
60.0593

■ 70.2569, 88.5657,
46.8805

■ 82.4120, 94.2045,
75.7984

■ 65.1906, 86.1868,
36.1223

■ 89.5580, 97.4880,
94.2194

■ 60.7568, 84.0843,
27.6379

95.0500, 100.0000,
108.9000

■ 56.9200, 82.2435,
21.2626

■ 53.6408, 80.6482,
16.8098

■ 50.8733, 79.2795,
14.0602

■ 48.5597, 78.1137,
12.7335

■ 47.9413, 77.7997,
12.4901

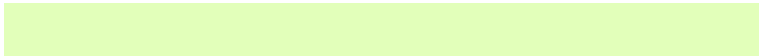
Harmonies

Analogous

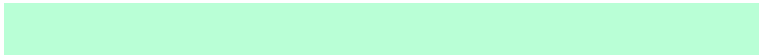
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0574, 91.2339, 53.2699



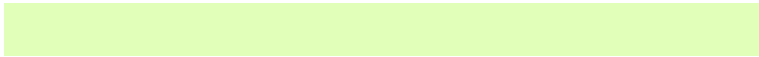
75.9870, 91.2339, 60.0593



70.1599, 91.2339, 77.3792

Triad

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



75.9870, 91.2339, 60.0593



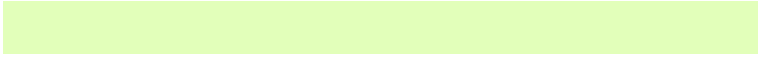
78.6639, 91.2339, 159.2861



107.7337, 91.2339, 94.6364

Complementary

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



75.9870, 91.2339, 60.0593



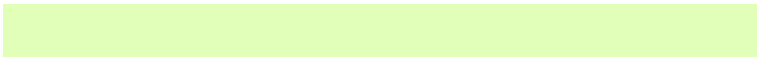
63.6341, 56.7861, 102.2147

Split Complementary

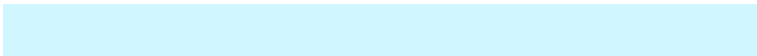
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.6889, 91.2339, 125.1021



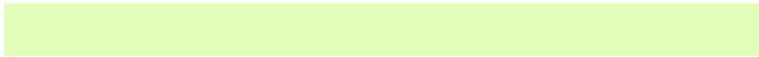
75.9870, 91.2339, 60.0593



88.3941, 91.2339, 166.3753

Square

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



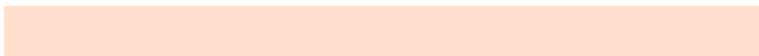
75.9870, 91.2339, 60.0593



71.6185, 91.2339, 135.0033



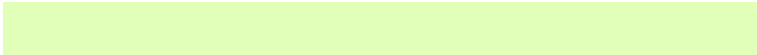
98.4082, 91.2339, 152.8298



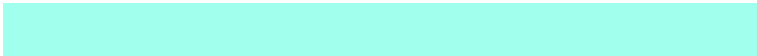
103.7967, 91.2339, 70.5824

Rectangle

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



75.9870, 91.2339, 60.0593



68.6309, 91.2339, 94.4206



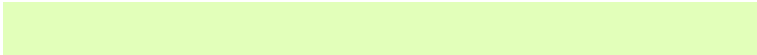
98.4082, 91.2339, 152.8298



107.7259, 91.2339, 104.4237

Sweetspot

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



75.9875, 91.2342, 60.0606



88.8533, 97.1650, 92.3663



74.3403, 73.2796, 56.6819



18.7803, 20.6882, 19.1477



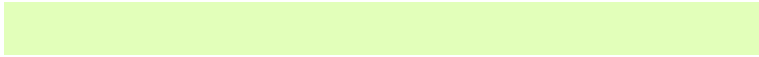
0.0000, 0.0000, 0.0000



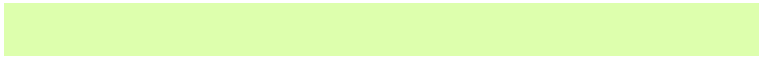
20.3446, 21.4041, 23.3091

Same Dimension

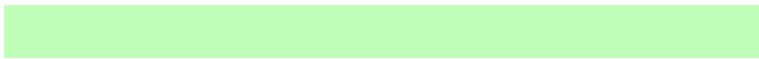
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9875, 91.2342, 60.0606



73.0704, 89.8784, 53.2355



66.2987, 86.2394, 59.6072



18.7803, 20.6882, 19.1477



25.2245, 40.7418, 6.5345



2.5807, 4.0312, 0.6421

Inverse Universe

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



63.6341, 56.7861, 102.2147



58.9973, 50.6266, 101.2702



74.7656, 62.5245, 102.7356



17.7265, 17.7507, 22.7419



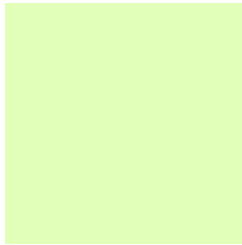
12.7720, 5.4947, 49.8220



1.3649, 0.5975, 4.8567

Previews

White Background



This preview shows how the XYZ color 75.9870, 91.2339, 60.0593 looks on a white background.

Color Contrast Check

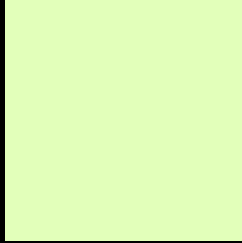
Large Text (above 18pt) WCAG AA × Fail

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 75.9870, 91.2339, 60.0593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

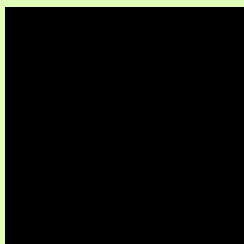
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

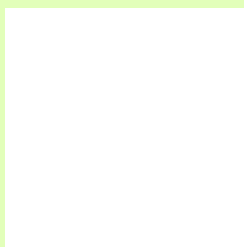
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9870, 91.2339, 60.0593

Background



This preview shows how black text looks on a background with the XYZ color 75.9870, 91.2339, 60.0593.

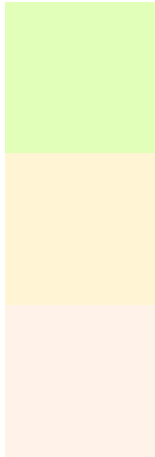


This preview shows how white text looks on a background with the XYZ color 75.9870, 91.2339,

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

75.9870, 91.2339, 60.0593

Protanopia

85.3486, 90.6645, 74.6297

Deuteranopia

87.7001, 90.6475, 89.9652



Tritanopia

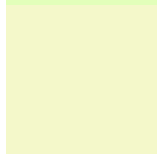
86.9780, 91.2256, 107.6318

Trichromacy



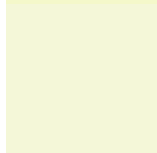
Original Color

75.9870, 91.2339, 60.0593



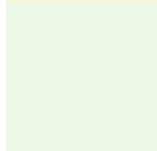
Protanomaly

81.5363, 90.6322, 69.0735



Deuteranomaly

82.9637, 90.7125, 78.1024



Tritanomaly

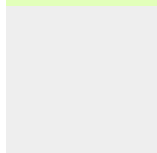
82.7507, 91.2974, 88.1236

Monochromacy



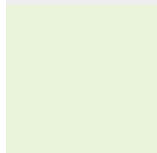
Original Color

75.9870, 91.2339, 60.0593



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.0686, 87.3083, 79.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9870, 91.2339, 60.0593 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(226, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 186)  
}
```

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(226, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 75.9870, 91.2339, 60.0593 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(226, 255, 186) }
```


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

```
.border{ border-color:rgb(226, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 255, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 255, 186); box-shadow:4px 4px 4px 4px rgb(226, 255, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9870, 91.2339, 60.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 186) }
```

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

```
.background{ background-color: rgb(226,  
255, 186) }
```

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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