

Converting Colors

XYZ(78.7500, 97.7268, 61.1639)

Have a look what the booklet for
XYZ(78.7500, 97.7268, 61.1639)
contains.

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Color

**XYZ(75.3634, 90.9125,
60.0302)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFBA
RGB	224, 255, 186
RGB Percent	88%, 100%, 73%
CMY	0.1216, 0.0000, 0.2706
CMYK	0.12, 0.00, 0.27, 0.00
HSL	87°, 100%, 86%
HSV	87°, 27%, 100%
XYZ	75.3634, 90.9125, 60.0302
YIQ	237.8650, 3.6730, -28.0310

Conversions

Conversions Part 2

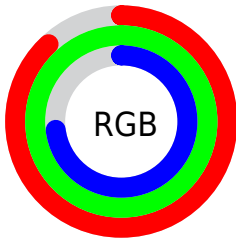
Format	Color
RYB	186, 255, 217
Decimal	14745530
CIELab	96.37, -21.59, 29.75
CIELCh	96, 36.759, 125.964
Yxy	90.9125, 0.3330, 0.4017
Android (android.graphics.Color)	4292935610 (0xFFE0FFBA)
YUV	237.8650, -25.5694, -12.1596
Hunter-Lab	95.3480, -25.7721, 29.4152

Details

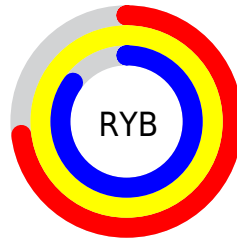
The XYZ color **75.3634, 90.9125, 60.0302** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.2252, 57.0908, 102.2423**, and the grayscale version is **81.3526, 85.5892, 93.2067**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **40.5074, 50.3789, 29.4189** is the 20% darker color. If you saturate the color by 10%, you get **69.4577, 88.1537, 46.8432**, and if you desaturate by 10%, it is **81.9931, 93.9885, 75.7789**.

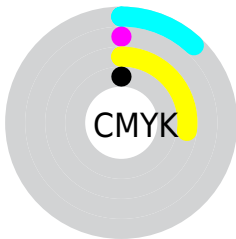
Distribution



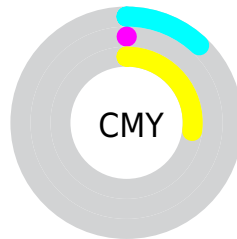
- Red (88%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3634, 90.9125, 60.0302 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 75.3634, 90.9125, 60.0302 by changing the saturation by 10% instead.


 75.3634, 90.9125,
60.0302

 75.3634, 90.9125,
60.0302


468.1436,
530.9947, 442.5168

 56.2059, 68.7377,
43.0175


 125.8118,
148.6052, 106.4173

 40.6057, 50.4981,
29.5674


157.8334,
184.8920, 136.6288

 28.1974, 35.8094,
19.2612


194.8737,
226.6515, 172.0769

 18.6157, 24.2870,
11.6804

237.2981,
274.2682, 213.1803

 11.4953, 15.5467,
6.4066

285.4719,
328.1265, 260.3574

 6.4708, 9.2039,
3.0211

339.7606,

 3.1767, 4.8744,

388.6108, 314.0269

1.1054

400.5294,
456.1054, 374.6071

■ 1.2479, 2.1738,
0.0000

■ 0.1437, 0.7056,
0.0000

■ 75.3634, 90.9125,
60.0302

■ 75.3634, 90.9125,
60.0302

■ 69.4577, 88.1537,
46.8432

■ 81.9931, 93.9885,
75.7789

■ 64.2442, 85.6989,
36.0781

■ 89.3739, 97.3931,
94.2109

■ 59.6905, 83.5346,
27.5880

95.0500, 100.0000,
108.9000

■ 55.7603, 81.6457,
21.2083

■ 52.4132, 80.0153,
16.7524

■ 49.6022, 78.6242,
14.0007

■ 47.2684, 77.4481,
12.6731

■ 46.6483, 77.1331,
12.4296

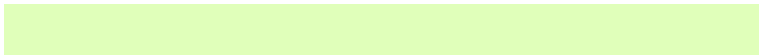
Harmonies

Analogous

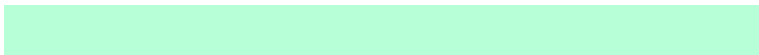
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3816, 90.9125, 52.8603



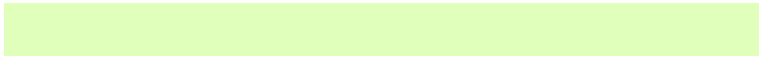
75.3634, 90.9125, 60.0302



69.6590, 90.9125, 77.7673

Triad

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



75.3634, 90.9125, 60.0302



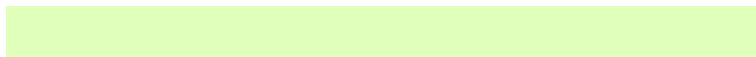
78.6417, 90.9125, 159.8758



107.4901, 90.9125, 93.2488

Complementary

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



75.3634, 90.9125, 60.0302



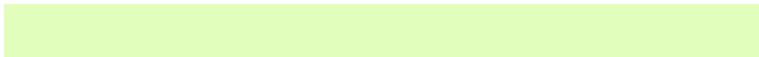
64.2252, 57.0908, 102.2423

Split Complementary

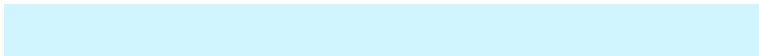
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.6508, 90.9125, 123.7560



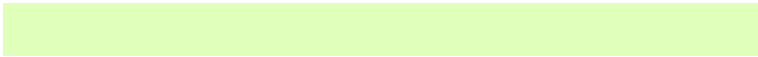
75.3634, 90.9125, 60.0302



88.4699, 90.9125, 166.2645

Square

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



75.3634, 90.9125, 60.0302



71.4446, 90.9125, 135.9002



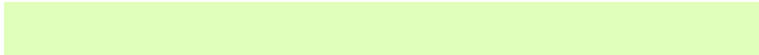
98.4857, 90.9125, 151.9519



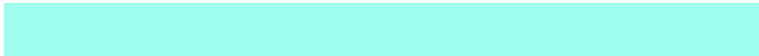
103.3307, 90.9125, 69.4498

Rectangle

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



75.3634, 90.9125, 60.0302



68.2335, 90.9125, 95.0754



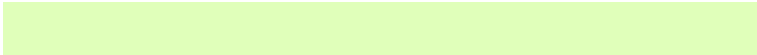
98.4857, 90.9125, 151.9519



107.5569, 90.9125, 103.0070

Sweetspot

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



75.3638, 90.9127, 60.0315



88.6457, 97.0580, 92.3565



74.6338, 73.8665, 56.7798



18.7280, 20.6612, 19.1453



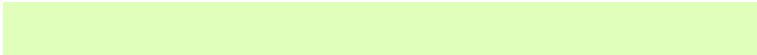
0.0000, 0.0000, 0.0000



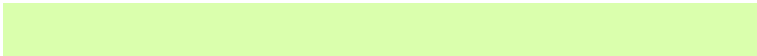
20.3446, 21.4041, 23.3091

Same Dimension

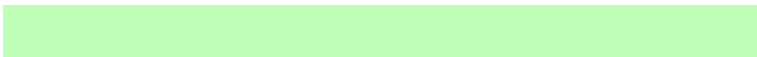
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3638, 90.9127, 60.0315



72.3564, 89.5103, 53.2020



66.0091, 86.0901, 59.5937



18.7280, 20.6612, 19.1453



24.5493, 40.3937, 6.5029



2.5161, 3.9979, 0.6391

Inverse Universe

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



64.2252, 57.0908, 102.2423



59.6662, 50.9714, 101.3015



75.1773, 62.7368, 102.7549



17.7779, 17.7773, 22.7443



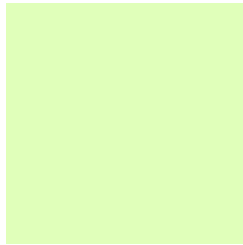
13.2624, 5.7475, 49.8450



1.4149, 0.6233, 4.8590

Previews

White Background



This preview shows how the XYZ color 75.3634, 90.9125, 60.0302 looks on a white background.

Color Contrast Check

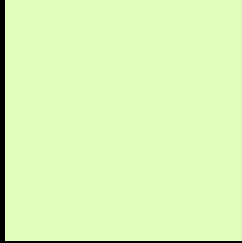
Large Text (above 18pt) WCAG AA × Fail

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 75.3634, 90.9125, 60.0302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

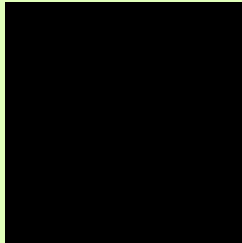
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

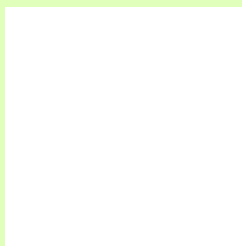
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3634, 90.9125, 60.0302

Background



This preview shows how black text looks on a background with the XYZ color 75.3634, 90.9125, 60.0302.

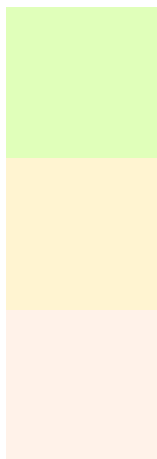


This preview shows how white text looks on a background with the XYZ color 75.3634, 90.9125,

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

75.3634, 90.9125, 60.0302

Protanopia

85.0993, 90.5648, 73.3171

Deuteranopia

87.7001, 90.6475, 89.9652

Tritanopia

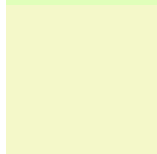
86.6376, 91.0501, 107.6159

Trichromacy



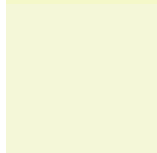
Original Color

75.3634, 90.9125, 60.0302



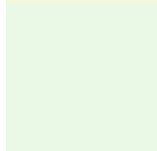
Protanomaly

81.4182, 90.5849, 68.4518



Deuteranomaly

82.9637, 90.7125, 78.1024



Tritanomaly

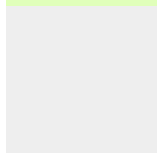
82.0903, 90.9570, 88.0927

Monochromacy



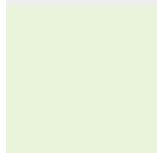
Original Color

75.3634, 90.9125, 60.0302



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.7411, 87.1395, 79.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3634, 90.9125, 60.0302 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 75.3634, 90.9125, 60.0302 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, 186) }
```


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

```
.border{ border-color:rgb(224, 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(224, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3634, 90.9125, 60.0302 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, 186) }
```

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

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