

Converting Colors

XYZ(75.2822, 90.7036, 67.5726)

Have a look what the booklet for
XYZ(75.2822, 90.7036, 67.5726)
contains.

XYZ(75.2822, 90.7036, 67.5726)	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(75.2822, 90.7036,
67.5726)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFC7
RGB	219, 255, 199
RGB Percent	86%, 100%, 78%
CMY	0.1412, 0.0000, 0.2196
CMYK	0.14, 0.00, 0.22, 0.00
HSL	99°, 100%, 89%
HSV	99°, 22%, 100%
XYZ	75.2822, 90.7036, 67.5726
YIQ	237.8520, -3.4800, -25.0480

Conversions

Conversions Part 2

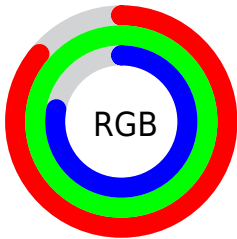
Format	Color
RYB	199, 255, 235
Decimal	14417863
CIELab	96.29, -21.38, 23.00
CIELCh	96, 31.407, 132.907
Yxy	90.7036, 0.3223, 0.3884
Android (android.graphics.Color)	4292607943 (0xFFDBFFC7)
YUV	237.8520, -19.1540, -16.5332
Hunter-Lab	95.2384, -25.5701, 24.6001

Details

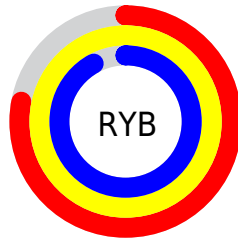
The XYZ color **75.2822, 90.7036, 67.5726** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.7353, 65.7303, 103.4614**, and the grayscale version is **81.2984, 85.5322, 93.1446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6148, 50.3250, 34.3611** is the 20% darker color. If you saturate the color by 10%, you get **67.8734, 87.1981, 53.0441**, and if you desaturate by 10%, it is **83.6740, 94.6584, 84.7395**.

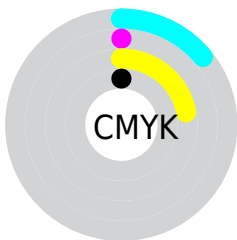
Distribution



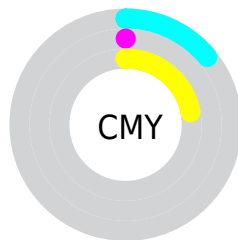
- Red (86%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2822, 90.7036, 67.5726 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 75.2822, 90.7036, 67.5726 by changing the saturation by 10% instead.

75.2822, 90.7036,
67.5726

75.2822, 90.7036,
67.5726

467.8692,
530.3170, 470.5371

56.1391, 68.5644,
49.0856

125.6975,
148.3153, 117.3889

40.5519, 50.3570,
34.3213

157.7005,
184.5566, 149.5553

28.1552, 35.6971,
22.8612

194.7207,
226.2674, 187.1186

18.5838, 24.2004,
14.2867

237.1236,
273.8320, 230.4973

11.4721, 15.4823,
8.1793

285.2746,
327.6349, 280.1100

6.4550, 9.1586,
4.1205

339.5389,

3.1669, 4.8448,

388.0604, 336.3751

1.6917

400.2820,
455.4930, 399.7113

■ 1.2426, 2.1565,
0.3550

■ 0.1396, 0.6961,
0.0000

■ 75.2822, 90.7036,
67.5726

■ 75.2822, 90.7036,
67.5726

■ 67.8734, 87.1981,
53.0441

■ 83.6740, 94.6584,
84.7395

■ 61.4074, 84.1242,
41.0190

■ 93.0835, 99.0780,
104.6623

■ 55.8431, 81.4638,
31.3568

■ 95.0500, 100.0000,
108.9000

■ 51.1357, 79.1972,
23.9013

■ 47.2358, 77.3028,
18.4774

■ 44.0883, 75.7564,
14.8838

■ 41.6287, 74.5303,
12.8772

■ 40.0812, 73.7477,
12.1222

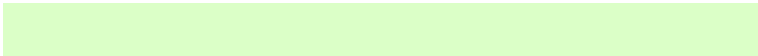
Harmonies

Analogous

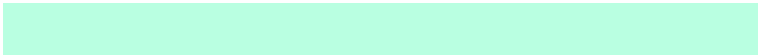
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5162, 90.7036, 58.9278



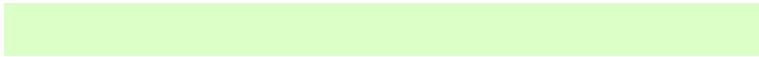
75.2822, 90.7036, 67.5726



71.1437, 90.7036, 85.2965

Triad

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



75.2822, 90.7036, 67.5726



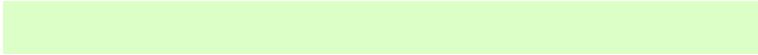
81.3717, 90.7036, 152.1956



103.6267, 90.7036, 88.4084

Complementary

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



75.2822, 90.7036, 67.5726



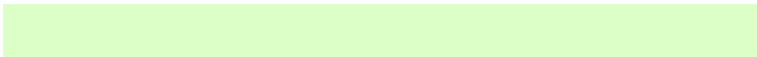
72.7353, 65.7303, 103.4614

Split Complementary

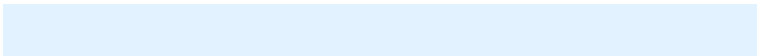
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.2685, 90.7036, 113.5724



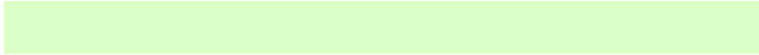
75.2822, 90.7036, 67.5726



90.0146, 90.7036, 153.4109

Square

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



75.2822, 90.7036, 67.5726



74.4932, 90.7036, 135.2320



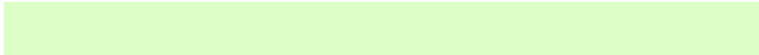
98.1495, 90.7036, 138.3157



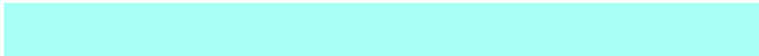
99.0975, 90.7036, 69.5182

Rectangle

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



75.2822, 90.7036, 67.5726



70.5124, 90.7036, 101.2189



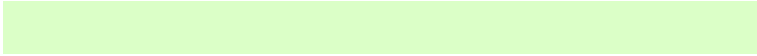
98.1495, 90.7036, 138.3157



104.0823, 90.7036, 96.3428

Sweetspot

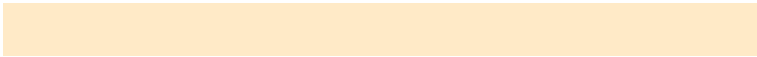
The Sweet Spot groups the original color and five complimentary colors.



75.2827, 90.7038, 67.5740



88.2115, 96.7914, 94.2691



81.1052, 84.4958, 66.0688



18.7598, 20.6605, 19.9214



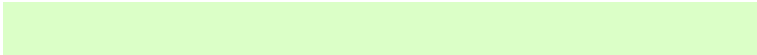
0.0000, 0.0000, 0.0000



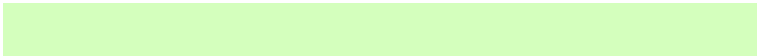
20.3446, 21.4041, 23.3091

Same Dimension

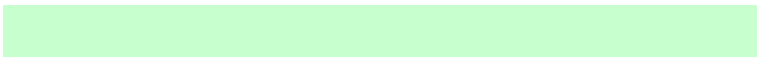
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2827, 90.7038, 67.5740



72.1732, 89.2344, 61.3936



70.5114, 88.1415, 71.9881



18.3837, 20.4837, 19.1292



21.0904, 38.6106, 6.3410



2.1674, 3.8181, 0.6227

Inverse Universe

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



72.7353, 65.7303, 103.4614



69.2422, 60.5288, 102.6415



78.5349, 68.8563, 97.5794



18.1264, 17.9569, 22.7606



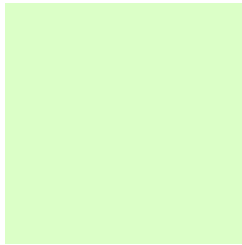
17.5925, 7.9797, 50.0476



1.8321, 0.8384, 4.8785

Previews

White Background



This preview shows how the XYZ color 75.2822, 90.7036, 67.5726 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 75.2822, 90.7036, 67.5726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

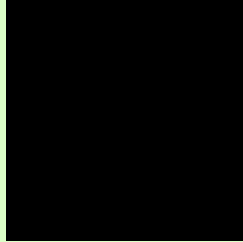
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

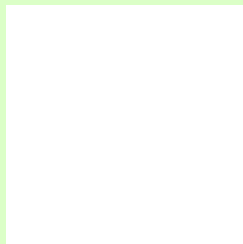
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2822, 90.7036, 67.5726

Background



This preview shows how black text looks on a background with the XYZ color 75.2822, 90.7036, 67.5726.



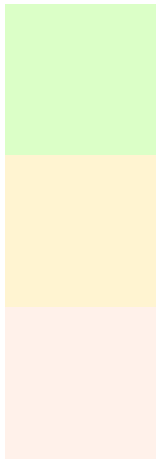
This preview shows how white text looks on a background with the XYZ color 75.2822, 90.7036,

67.5726.

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

75.2822, 90.7036, 67.5726

Protanopia

85.0993, 90.5648, 73.3171

Deuteranopia

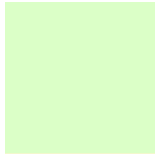
87.5466, 90.1111, 90.6209



Tritanopia

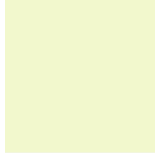
85.6275, 90.5293, 107.5686

Trichromacy



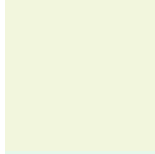
Original Color

75.2822, 90.7036, 67.5726



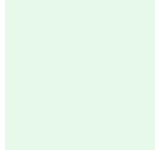
Protanomaly

81.2048, 90.4198, 70.9304



Deuteranomaly

82.6249, 90.0092, 81.4253



Tritanomaly

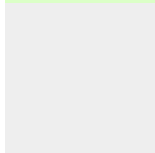
81.5042, 90.5725, 91.7838

Monochromacy



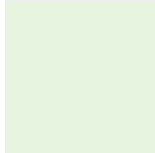
Original Color

75.2822, 90.7036, 67.5726



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.7602, 87.0721, 83.1765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2822, 90.7036, 67.5726 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(219, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 199)  
}
```

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(219, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 75.2822, 90.7036, 67.5726 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(219, 255, 199) }
```


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

```
.border{ border-color:rgb(219, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2822, 90.7036, 67.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 199) }
```

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

```
.background{ background-color: rgb(219,  
255, 199) }
```

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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