

Converting Colors

XYZ(69.2045, 84.5605, 55.8369)

Have a look what the booklet for
XYZ(69.2045, 84.5605, 55.8369)
contains.

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Color

**XYZ(69.2462, 84.5762,
55.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F8B4
RGB	213, 248, 180
RGB Percent	84%, 97%, 71%
CMY	0.1647, 0.0274, 0.2941
CMYK	0.14, 0.00, 0.27, 0.03
HSL	91°, 83%, 84%
HSV	91°, 27%, 97%
XYZ	69.2462, 84.5762, 55.8552
YIQ	229.7830, 0.9680, -28.5680

Conversions

Conversions Part 2

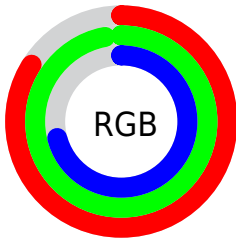
Format	Color
RYB	180, 248, 215
Decimal	14022836
CIELab	93.70, -22.94, 29.04
CIElCh	94, 37.004, 128.309
Yxy	84.5762, 0.3303, 0.4034
Android (android.graphics.Color)	4292212916 (0xFFD5F8B4)
YUV	229.7830, -24.5430, -14.7187
Hunter-Lab	91.9653, -26.5360, 28.3659

Details

The XYZ color **69.2462, 84.5762, 55.8552** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.2923, 53.8693, 95.9788**, and the grayscale version is **75.2305, 79.1483, 86.1925**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **36.7810, 46.5007, 27.1156** is the 20% darker color. If you saturate the color by 10%, you get **63.3846, 81.8233, 43.5520**, and if you desaturate by 10%, it is **75.8558, 87.6676, 70.5564**.

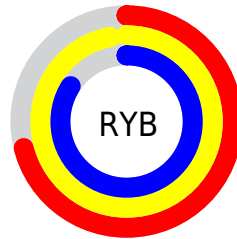
Distribution



Red (84%)

Green (97%)

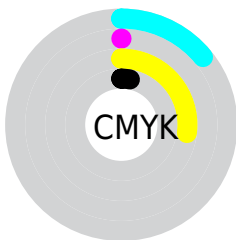
Blue (71%)



Red (71%)

Yellow (97%)

Blue (84%)

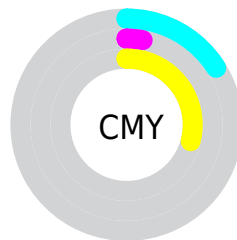


Cyan (14%)

Magenta (0%)

Yellow (27%)

Black (3%)



Cyan (16%)


Magenta (3%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2462, 84.5762, 55.8552 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 69.2462, 84.5762, 55.8552 by changing the saturation by 10% instead.

 69.2462, 84.5762,
55.8552

 69.2462, 84.5762,
55.8552


447.2066,
510.2247, 426.5185

 51.1896, 63.4913,
39.6836


 117.1653,
139.7809, 100.2765

 36.5812, 46.2388,
26.9800


147.7585,
174.6695, 129.3633

 25.0556, 32.4343,
17.3259


183.2613,
214.9280, 163.5923

 16.2474, 21.6934,
10.3027

224.0391,
260.9410, 203.3820

 9.7914, 13.6318,
5.4919

270.4571,
313.0928, 249.1509

 5.3220, 7.8650,
2.4749


322.8808,


 2.4741, 4.0087,


371.7677, 301.3176


0.8268


381.6756,
437.3502, 360.3007

 0.8822, 1.6784,
0.0000


 0.0000, 0.4096,
0.0000


 69.2462, 84.5762,
55.8552


 69.2462, 84.5762,
55.8552


 63.3846, 81.8233,
43.5520


 75.8558, 87.6676,
70.5564


 58.2337, 79.3847,
33.5141

 83.2356, 91.0987,
87.7681

 53.7624, 77.2501,
25.6042

 91.4148, 94.8848,
107.6020

 49.9342, 75.4040,
19.6680

 92.8591, 95.6182,
108.1697

■ 46.7084, 73.8293,
15.5300

■ 44.0382, 72.5064,
12.9842

■ 41.8641, 71.4104,
11.7609

■ 41.3627, 71.1560,
11.5544

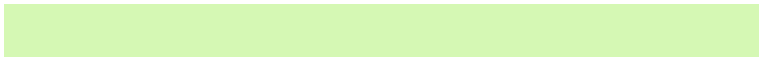
Harmonies

Analogous

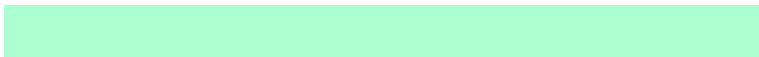
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6904, 84.5762, 48.2921



69.2462, 84.5762, 55.8552



64.0950, 84.5762, 73.5222

Triad

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



69.2462, 84.5762, 55.8552



73.6117, 84.5762, 151.9953



100.5451, 84.5762, 84.4966

Complementary

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



69.2462, 84.5762, 55.8552



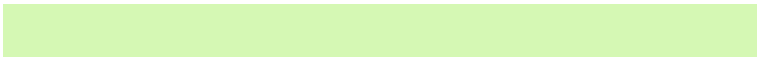
61.2923, 53.8693, 95.9788

Split Complementary

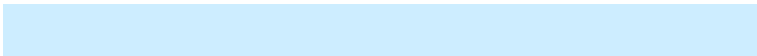
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.2296, 84.5762, 113.5449



69.2462, 84.5762, 55.8552



83.1456, 84.5762, 156.5934

Square

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



69.2462, 84.5762, 55.8552



66.4690, 84.5762, 129.8230



92.6632, 84.5762, 141.3448



96.1240, 84.5762, 62.4825

Rectangle

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



69.2462, 84.5762, 55.8552



62.9598, 84.5762, 90.5037



92.6632, 84.5762, 141.3448



100.7657, 84.5762, 93.6929

Sweetspot

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



69.2484, 84.5799, 55.8570



88.1793, 96.8176, 92.3347



70.9994, 71.3480, 53.2107



18.6106, 20.6007, 19.1398



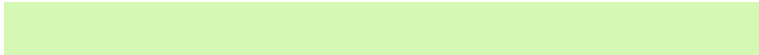
0.0000, 0.0000, 0.0000



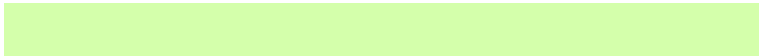
20.3446, 21.4041, 23.3091

Same Dimension

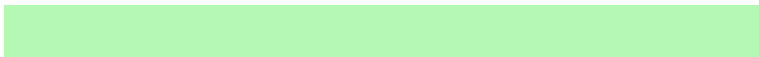
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2484, 84.5799, 55.8570



70.1567, 88.4046, 51.8193



60.6305, 80.1372, 55.4537



17.8191, 19.7225, 18.3301



22.5036, 38.5193, 6.2489



2.2061, 3.6304, 0.5845

Inverse Universe

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



61.2923, 53.8693, 95.9788



60.3647, 50.6104, 101.1950



71.9793, 59.3786, 96.4790



17.1352, 17.0823, 21.7794



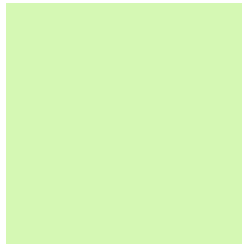
14.0968, 6.2098, 48.4292



1.4280, 0.6383, 4.4911

Previews

White Background



This preview shows how the XYZ color 69.2462, 84.5762, 55.8552 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 69.2462, 84.5762, 55.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

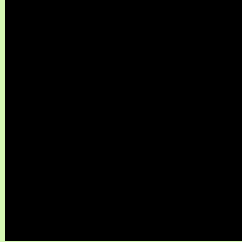
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

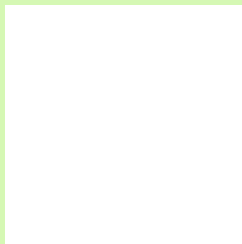
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2462, 84.5762, 55.8552

Background



This preview shows how black text looks on a background with the XYZ color 69.2462, 84.5762, 55.8552.

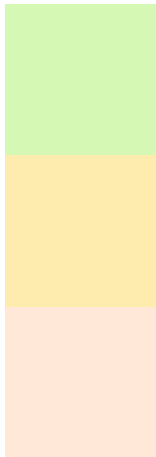


This preview shows how white text looks on a background with the XYZ color 69.2462, 84.5762,

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

69.2462, 84.5762, 55.8552

Protanopia

78.6064, 84.1569, 52.6583

Deuteranopia

82.4913, 83.9311, 76.8183



Tritanopia

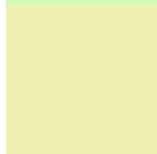
79.9886, 84.5378, 106.7093

Trichromacy



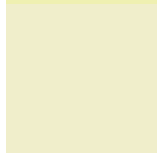
Original Color

69.2462, 84.5762, 55.8552



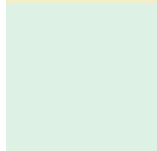
Protanomaly

74.6925, 83.8452, 53.8420



Deuteranomaly

77.2892, 83.9861, 68.6373



Tritanomaly

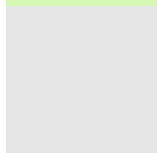
75.5745, 84.4778, 85.7214

Monochromacy



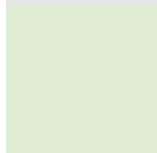
Original Color

69.2462, 84.5762, 55.8552



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.9083, 81.1691, 74.1119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2462, 84.5762, 55.8552 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(213, 248, 180)` looks like.

```
.text, #text, p{  
    color:rgb(213, 248, 180)  
}
```

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(213, 248, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 248, 180) }
```

Border

The CSS property to change the border of an element to XYZ 69.2462, 84.5762, 55.8552 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(213, 248, 180) }
```


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

```
.border{ border-color:rgb(213, 248, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 248, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 248, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 248, 180);  
box-shadow:4px 4px 4px 4px rgb(213, 248,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2462, 84.5762, 55.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 248, 180) }
```

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

```
.background{ background-color: rgb(213,  
248, 180) }
```

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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