

Converting Colors

XYZ(62.6799, 84.8703, 37.0101)

Have a look what the booklet for
XYZ(62.6799, 84.8703, 37.0101)
contains.

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Color

**XYZ(62.5956, 84.8243,
37.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FF8A
RGB	194, 255, 138
RGB Percent	76%, 100%, 54%
CMY	0.2392, 0.0000, 0.4588
CMYK	0.24, 0.00, 0.46, 0.00
HSL	91°, 100%, 77%
HSV	91°, 46%, 100%
XYZ	62.5956, 84.8243, 37.1184
YIQ	223.4230, 1.2010, -49.3190

Conversions

Conversions Part 2

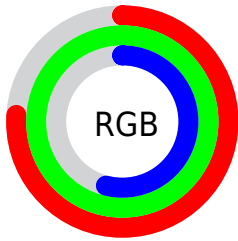
Format	Color
RYB	138, 255, 199
Decimal	12779402
CIELab	93.81, -38.29, 49.61
CIElCh	94, 62.668, 127.663
Yxy	84.8243, 0.3392, 0.4597
Android (android.graphics.Color)	4290969482 (0xFFC2FF8A)
YUV	223.4230, -42.1135, -25.8040
Hunter-Lab	92.1001, -39.8581, 40.5749

Details

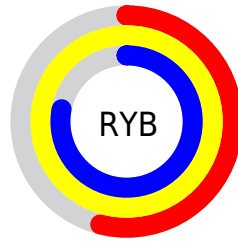
The XYZ color **62.5956, 84.8243, 37.1184** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.6930, 37.5405, 99.1820**, and the grayscale version is **70.7296, 74.4131, 81.0358**.

A 20% lighter version of the original color is **85.5305, 96.0657, 64.4867**, and **32.3150, 46.4473, 15.8564** is the 20% darker color. If you saturate the color by 10%, you get **57.6997, 82.4892, 28.3575**, and if you desaturate by 10%, it is **68.2308, 87.4904, 48.1785**.

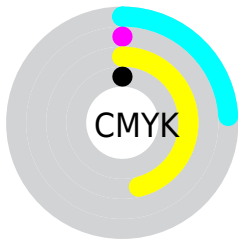
Distribution



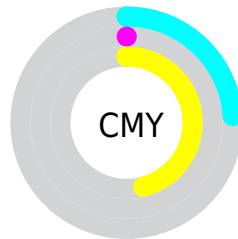
- Red (76%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5956, 84.8243, 37.1184 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 62.5956, 84.8243, 37.1184 by changing the saturation by 10% instead.


 62.5956, 84.8243,
37.1184


 62.5956, 84.8243,
37.1184


423.7834,
511.0465, 349.0070


 45.7715, 63.6962,
25.0027


 107.6710,
140.1277, 71.9432

 32.2694, 46.4047,
15.8600


 136.6530,
175.0717, 95.4894

 21.7239, 32.5653,
9.2719

 170.4184,
215.3899, 123.6828

 13.7697, 21.7936,
4.8197

209.3325,
261.4666, 156.9419

 8.0413, 13.7053,
2.0850

253.7607,
313.6863, 195.6854

 4.1734, 7.9160,
0.6068

304.0684,

 1.8007, 4.0413,

372.4332, 240.3317

0.0000

360.6208,
438.0918, 291.2993

■ 0.5181, 1.6967,
0.0000

■ 0.0000, 0.4215,
0.0000

■ 62.5956, 84.8243,
37.1184

■ 62.5956, 84.8243,
37.1184

■ 57.6997, 82.4892,
28.3575

■ 68.2308, 87.4904,
48.1785

■ 53.5035, 80.4684,
21.7296

■ 74.6400, 90.5022,
61.6808

■ 49.9642, 78.7437,
17.0520

■ 81.8562, 93.8739,
77.7611

■ 47.0323, 77.2943,
14.1098

■ 89.9103, 97.6186,
96.5442

■ 44.6483, 76.0954, 95.0500, 100.0000,
12.6364 108.9000

■ 43.7929, 75.6611,
12.2959

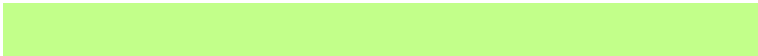
Harmonies

Analogous

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



76.4273, 84.8243, 28.0207



62.5956, 84.8243, 37.1184



54.4809, 84.8243, 61.7038

Triad

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



62.5956, 84.8243, 37.1184



69.0542, 84.8243, 205.8188



116.7086, 84.8243, 80.6606

Complementary

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



62.5956, 84.8243, 37.1184



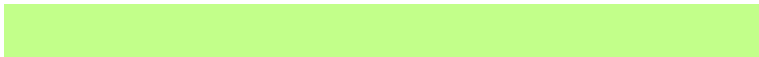
50.6930, 37.5405, 99.1820

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.



114.0206, 84.8243, 131.7846



62.5956, 84.8243, 37.1184



84.9694, 84.8243, 216.3364

Square

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



62.5956, 84.8243, 37.1184



57.8361, 84.8243, 160.4984



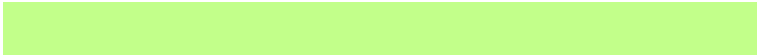
101.8165, 84.8243, 185.6494



108.7241, 84.8243, 46.8891

Rectangle

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



62.5956, 84.8243, 37.1184



52.6714, 84.8243, 88.6702



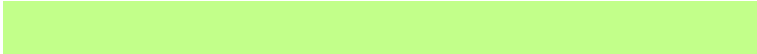
101.8165, 84.8243, 185.6494



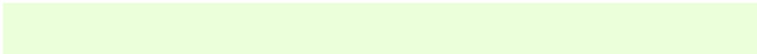
117.0408, 84.8243, 96.1492

Sweetspot

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



62.5959, 84.8245, 37.1196



83.3064, 94.5494, 81.0842



66.1252, 63.6900, 32.8543



17.4755, 20.0719, 16.5412



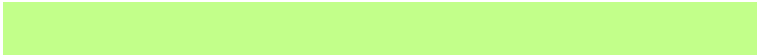
0.0000, 0.0000, 0.0000



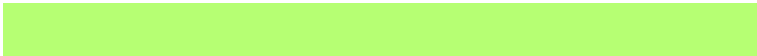
20.3446, 21.4041, 23.3091

Same Dimension

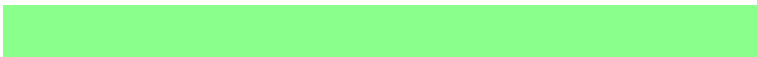
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5959, 84.8245, 37.1196



58.1024, 82.6821, 29.0413



50.9720, 78.8156, 37.3193



18.5987, 20.5946, 19.1392



23.0528, 39.6222, 6.4328



2.3698, 3.9224, 0.6322

Inverse Universe

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



50.6930, 37.5405, 99.1820



44.8602, 30.0998, 98.0532



68.0666, 46.5330, 98.3646



17.9067, 17.8436, 22.7503



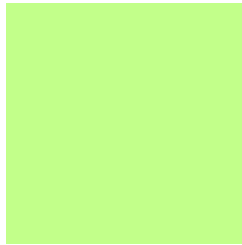
14.6554, 6.4656, 49.9101



1.5532, 0.6946, 4.8655

Previews

White Background



This preview shows how the XYZ color 62.5956, 84.8243, 37.1184 looks on a white background.

Color Contrast Check

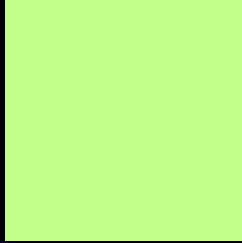
Large Text (above 18pt) WCAG AA × Fail

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 62.5956, 84.8243, 37.1184 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

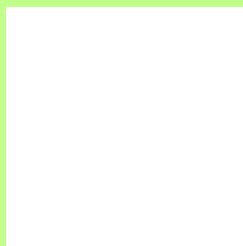
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5956, 84.8243, 37.1184

Background



This preview shows how black text looks on a background with the XYZ color 62.5956, 84.8243, 37.1184.

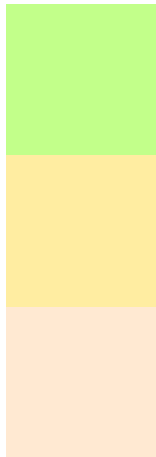


This preview shows how white text looks on a background with the XYZ color 62.5956, 84.8243,

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

62.5956, 84.8243, 37.1184

Protanopia

77.9572, 84.4016, 45.9006

Deuteranopia

82.0118, 84.1910, 72.9008



Tritanopia

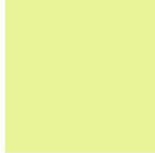
78.1235, 84.4456, 106.7898

Trichromacy



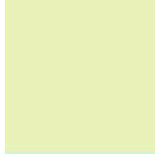
Original Color

62.5956, 84.8243, 37.1184



Protanomaly

71.7047, 84.3249, 42.6341



Deuteranomaly

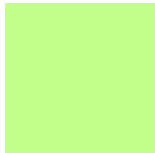
73.7113, 83.6949, 57.6171



Tritanomaly

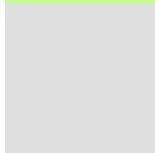
70.8306, 83.6136, 74.6932

Monochromacy



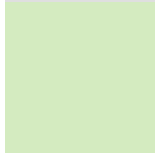
Original Color

62.5956, 84.8243, 37.1184



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.3741, 77.2195, 61.2757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5956, 84.8243, 37.1184 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(194, 255, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 138)  
}
```

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(194, 255, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 138) }
```

Border

The CSS property to change the border of an element to XYZ 62.5956, 84.8243, 37.1184 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(194, 255, 138) }
```


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

```
.border{ border-color:rgb(194, 255, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5956, 84.8243, 37.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 138) }
```

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

```
.background{ background-color: rgb(194,  
255, 138) }
```

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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