

Converting Colors

XYZ(62.6366, 84.6572, 29.0313)

Have a look what the booklet for
XYZ(62.6366, 84.6572, 29.0313)
contains.

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Color

**XYZ(62.5665, 84.5160,
28.9352)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FE72
RGB	201, 254, 114
RGB Percent	79%, 100%, 45%
CMY	0.2118, 0.0039, 0.5529
CMYK	0.21, 0.00, 0.55, 0.00
HSL	83°, 99%, 72%
HSV	83°, 55%, 100%
XYZ	62.5665, 84.5160, 28.9352
YIQ	222.1930, 13.3520, -54.7760

Conversions

Conversions Part 2

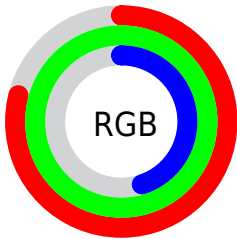
Format	Color
RYB	114, 254, 167
Decimal	13237874
CIELab	93.67, -37.78, 60.51
CIElCh	94, 71.338, 121.982
Yxy	84.5160, 0.3555, 0.4802
Android (android.graphics.Color)	4291427954 (0xFFC9FE72)
YUV	222.1930, -53.3391, -18.5863
Hunter-Lab	91.9326, -39.4004, 45.6917

Details

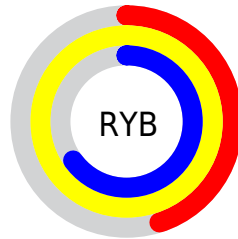
The XYZ color **62.5665, 84.5160, 28.9352** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **39.8464, 27.4082, 96.9609**, and the grayscale version is **69.9282, 73.5699, 80.1177**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **32.2573, 46.1776, 11.3507** is the 20% darker color. If you saturate the color by 10%, you get **58.8126, 82.7280, 22.2325**, and if you desaturate by 10%, it is **66.8878, 86.5555, 37.7629**.

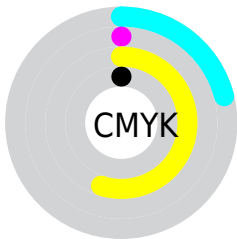
Distribution



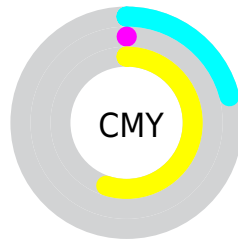
- Red (79%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (65%)



- Cyan (21%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)




- Cyan (21%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5665, 84.5160, 28.9352 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 62.5665, 84.5160, 28.9352 by changing the saturation by 10% instead.


 62.5665, 84.5160,
28.9352

 62.5665, 84.5160,
28.9352


423.6792,
510.0252, 310.9605


 45.7479, 63.4415,
18.7866


 107.6292,
139.6968, 59.0151

 32.2507, 46.1985,
11.3410


 136.6040,
174.5718, 79.7835

 21.7096, 32.4025,
6.1796


 170.3617,
214.8159, 104.9289

 13.7591, 21.6691,
2.8841

209.2674,
260.8134, 134.8699

 8.0339, 13.6140,
1.0357

253.6867,
312.9487, 170.0250

 4.1686, 7.8527,
0.0000

303.9849,

 1.7980, 4.0008,

371.6061, 210.8128

0.0000

360.5273,
437.1702, 257.6518

■ 0.5164, 1.6740,
0.0000

■ 0.0000, 0.4068,
0.0000

■ 62.5665, 84.5160,
28.9352

■ 62.5665, 84.5160,
28.9352

■ 58.8126, 82.7280,
22.2325

■ 66.8878, 86.5555,
37.7629

■ 55.5828, 81.1650,
17.4693


■ 71.8034, 88.8489,
48.8695


■ 52.8364, 79.8135,
14.4378

■ 77.3456, 91.4122,
62.4009

■ 50.5212, 78.6521,
12.8795

■ 83.5420, 94.2569,
78.4894

 49.5122, 78.1398,
12.4729

 90.4188, 97.3937,
97.2577

94.7336, 99.3672,
108.7945

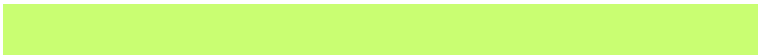
Harmonies

Analogous

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



79.0784, 84.5160, 22.2476



62.5665, 84.5160, 28.9352



52.3123, 84.5160, 51.2572

Triad

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



62.5665, 84.5160, 28.9352



64.4293, 84.5160, 217.9911



122.4318, 84.5160, 88.4674

Complementary

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



62.5665, 84.5160, 28.9352



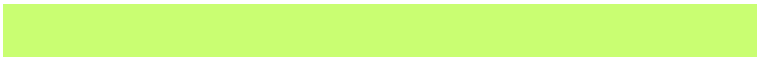
39.8464, 27.4082, 96.9609

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.



116.9015, 84.5160, 150.1304



62.5665, 84.5160, 28.9352



81.5945, 84.5160, 240.2909

Square

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



62.5665, 84.5160, 28.9352



53.2632, 84.5160, 158.9458



101.1725, 84.5160, 211.6510



115.2934, 84.5160, 47.1476

Rectangle

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



62.5665, 84.5160, 28.9352



49.4318, 84.5160, 78.2478



101.1725, 84.5160, 211.6510



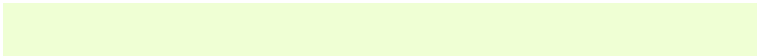
121.9904, 84.5160, 107.3281

Sweetspot

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



62.5685, 84.5197, 28.9370



83.0570, 94.5348, 75.9256



57.4288, 49.3192, 22.4135



17.5026, 20.1083, 15.5292



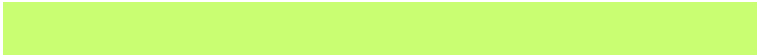
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.5685, 84.5197, 28.9370



59.0245, 83.3160, 21.9234



48.1021, 77.0620, 28.2600



18.8559, 20.7271, 19.1513



26.2714, 41.2815, 6.5835



2.6795, 4.0821, 0.6467

Inverse Universe

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



39.8464, 27.4082, 96.9609



34.0890, 20.5118, 96.7702



58.2810, 36.9115, 97.8236



17.6529, 17.7128, 22.7385



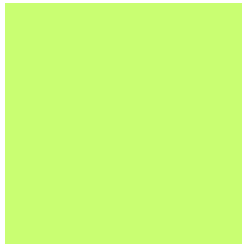
12.1346, 5.1661, 49.7922



1.2982, 0.5632, 4.8536

Previews

White Background



This preview shows how the XYZ color 62.5665, 84.5160, 28.9352 looks on a white background.

Color Contrast Check

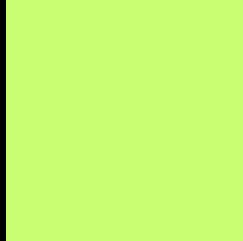
Large Text (above 18pt) WCAG AA × Fail

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 62.5665, 84.5160, 28.9352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

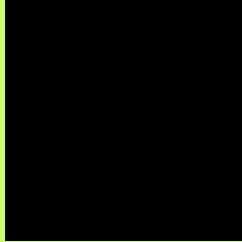
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5665, 84.5160, 28.9352

Background



This preview shows how black text looks on a background with the XYZ color 62.5665, 84.5160, 28.9352.

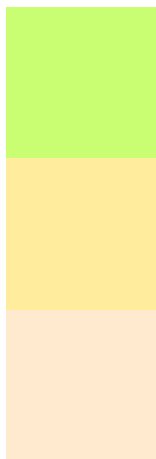


This preview shows how white text looks on a background with the XYZ color 62.5665, 84.5160,

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

62.5665, 84.5160, 28.9352

Protanopia

77.3213, 83.6852, 43.9759

Deuteranopia

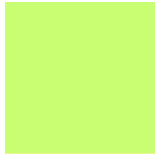
81.6414, 84.0428, 70.9504



Tritanopia

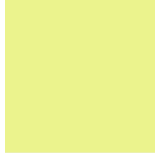
78.7487, 83.8987, 106.6513

Trichromacy



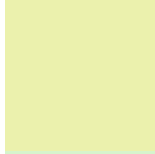
Original Color

62.5665, 84.5160, 28.9352



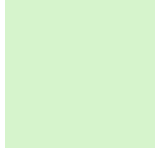
Protanomaly

71.1193, 83.6864, 37.6040



Deuteranomaly

73.2591, 83.5899, 51.8085



Tritanomaly

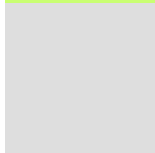
70.9813, 83.3571, 69.4752

Monochromacy



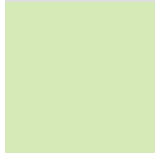
Original Color

62.5665, 84.5160, 28.9352



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.7016, 76.5607, 56.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5665, 84.5160, 28.9352 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(201, 254, 114)` looks like.

```
.text, #text, p{  
    color:rgb(201, 254, 114)  
}
```

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(201, 254, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 254, 114) }
```

Border

The CSS property to change the border of an element to XYZ 62.5665, 84.5160, 28.9352 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(201, 254, 114) }
```


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

```
.border{ border-color:rgb(201, 254, 114) }
```

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

Here you see how a box with a 4 pixel rgb(201, 254, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 254, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 254, 114);  
box-shadow:4px 4px 4px 4px rgb(201, 254,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5665, 84.5160, 28.9352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 254, 114) }
```

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

```
.background{ background-color: rgb(201,  
254, 114) }
```

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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