

Converting Colors

XYZ(69.3024, 87.7303, 62.3480)

Have a look what the booklet for
XYZ(69.3024, 87.7303, 62.3480)
contains.

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Color

**XYZ(69.2514, 87.6991,
62.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFBF
RGB	201, 255, 191
RGB Percent	79%, 100%, 75%
CMY	0.2118, 0.0000, 0.2510
CMYK	0.21, 0.00, 0.25, 0.00
HSL	111°, 100%, 87%
HSV	111°, 25%, 100%
XYZ	69.2514, 87.6991, 62.5679
YIQ	231.5580, -11.6400, -31.3520

Conversions

Conversions Part 2

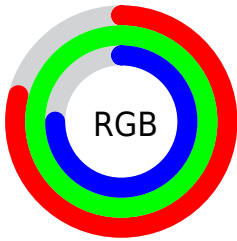
Format	Color
RYB	191, 255, 245
Decimal	13238207
CIELab	95.03, -28.68, 25.16
CIELCh	95, 38.152, 138.734
Yxy	87.6991, 0.3155, 0.3995
Android (android.graphics.Color)	4291428287 (0xFFC9FFBF)
YUV	231.5580, -19.9951, -26.7994
Hunter-Lab	93.6478, -31.8851, 25.9407

Details

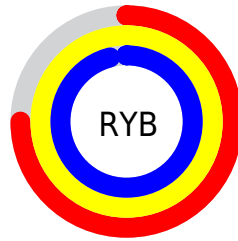
The XYZ color **69.2514, 87.6991, 62.5679** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.3378, 63.8953, 103.0227**, and the grayscale version is **76.5218, 80.5069, 87.6720**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **36.5635, 48.3053, 31.0637** is the 20% darker color. If you saturate the color by 10%, you get **61.3002, 83.8966, 48.8003**, and if you desaturate by 10%, it is **78.5026, 92.1153, 78.9492**.

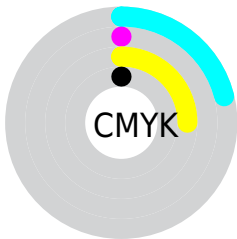
Distribution



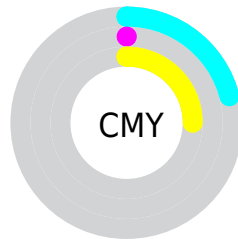
- Red (79%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (96%)



- Cyan (21%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (21%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2514, 87.6991, 62.5679 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 69.2514, 87.6991, 62.5679 by changing the saturation by 10% instead.


 69.2514, 87.6991,
62.5679

 69.2514, 87.6991,
62.5679


447.2247,
520.5173, 452.0643

 51.1939, 66.0739,
45.0530


 117.1727,
144.1382, 110.1254

 36.5846, 48.3324,
31.1559


147.7671,
179.7208, 141.0051

 25.0582, 34.0902,
20.4581


183.2713,
220.7248, 177.1768

 16.2494, 22.9629,
12.5411

224.0505,
267.5344, 219.0591

 9.7928, 14.5661,
6.9863

270.4700,
320.5340, 267.0704

 5.3230, 8.5154,
3.3752

322.8953,

 2.4747, 4.4265,

380.1081, 321.6294

1.2893

381.6918,
446.6411, 383.1545

■ 0.8825, 1.9149,
0.0530

■ 0.0000, 0.5573,
0.0000

■ 69.2514, 87.6991,
62.5679

■ 69.2514, 87.6991,
62.5679

■ 61.3002, 83.8966,
48.8003

■ 78.5026, 92.1153,
78.9492

■ 54.5883, 80.6795,
37.5074

■ 89.1071, 97.1700,
98.0654

■ 49.0531, 78.0187,
28.5436

■ 95.0500, 100.0000,
108.9000

■ 44.6253, 75.8819,
21.7464

■ 41.2283, 74.2338,
16.9322

■ 38.7754, 73.0341,
13.8872

■ 37.1642, 72.2359,
12.3483

■ 36.6289, 71.9679,
11.9607

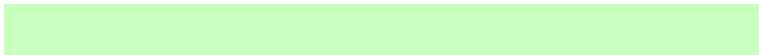
Harmonies

Analogous

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



77.1153, 87.6991, 50.9857



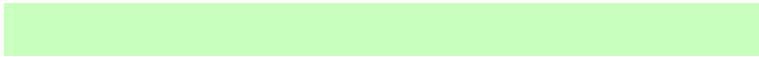
69.2514, 87.6991, 62.5679



65.2937, 87.6991, 84.7650

Triad

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



69.2514, 87.6991, 62.5679



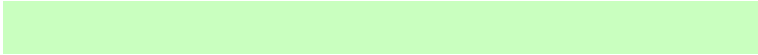
79.5214, 87.6991, 163.1362



103.6945, 87.6991, 78.3016

Complementary

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



69.2514, 87.6991, 62.5679



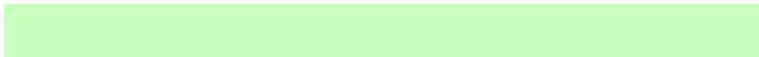
74.3378, 63.8953, 103.0227

Split Complementary

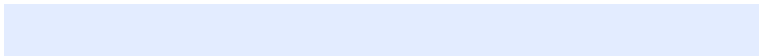
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4739, 87.6991, 107.0822



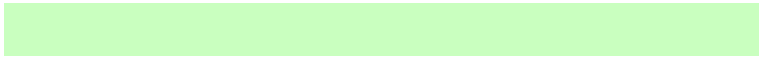
69.2514, 87.6991, 62.5679



89.9233, 87.6991, 160.4009

Square

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



69.2514, 87.6991, 62.5679



70.8868, 87.6991, 145.1513



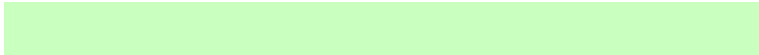
99.2550, 87.6991, 138.3096



97.2064, 87.6991, 58.6841

Rectangle

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



69.2514, 87.6991, 62.5679



65.1639, 87.6991, 104.4239



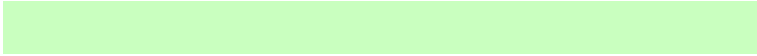
99.2550, 87.6991, 138.3096



104.6517, 87.6991, 87.0796

Sweetspot

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



69.2520, 87.6994, 62.5692



85.8862, 95.6354, 92.2274



83.0954, 89.9241, 62.2690



18.0358, 20.3043, 19.1129



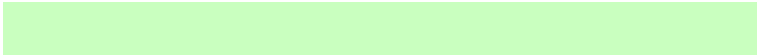
0.0000, 0.0000, 0.0000



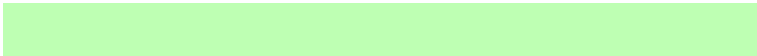
20.3446, 21.4041, 23.3091

Same Dimension

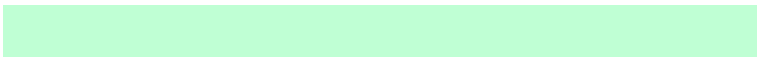
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2520, 87.6994, 62.5692



65.1946, 85.7600, 55.5004



69.1724, 87.3670, 75.7268



18.0358, 20.3043, 19.1129



19.2173, 37.6450, 6.2534



1.9440, 3.7029, 0.6123

Inverse Universe

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



74.3378, 63.8953, 103.0227



71.0487, 58.3233, 102.1206



74.6748, 64.4440, 86.0948



18.4975, 18.1482, 22.7780



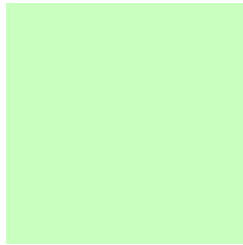
24.2040, 11.3881, 50.3570



2.4284, 1.1458, 4.9064

Previews

White Background



This preview shows how the XYZ color 69.2514, 87.6991, 62.5679 looks on a white background.

Color Contrast Check

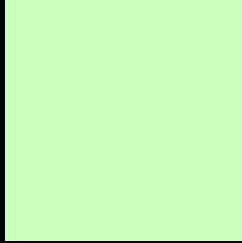
Large Text (above 18pt) WCAG AA × Fail

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 69.2514, 87.6991, 62.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

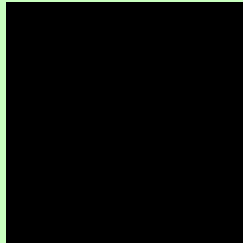
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

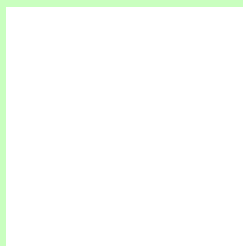
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2514, 87.6991, 62.5679

Background



This preview shows how black text looks on a background with the XYZ color 69.2514, 87.6991, 62.5679.



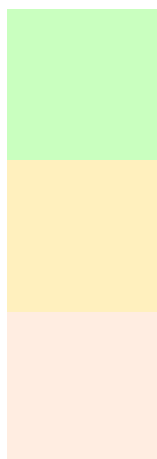
This preview shows how white text looks on a background with the XYZ color 69.2514, 87.6991,

62.5679.

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

69.2514, 87.6991, 62.5679

Protanopia

81.6944, 87.2979, 61.2596

Deuteranopia

85.1148, 87.2646, 83.5919



Tritanopia

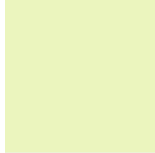
81.1519, 87.3287, 107.1867

Trichromacy



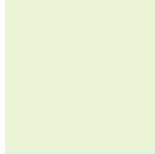
Original Color

69.2514, 87.6991, 62.5679



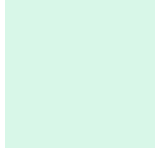
Protanomaly

76.2076, 86.6847, 61.4304



Deuteranomaly

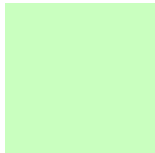
78.6219, 87.1676, 75.6320



Tritanomaly

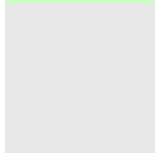
76.1452, 86.9467, 89.1130

Monochromacy



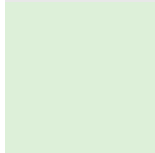
Original Color

69.2514, 87.6991, 62.5679



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.5033, 82.7021, 77.7347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2514, 87.6991, 62.5679 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, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 191)  
}
```

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, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 69.2514, 87.6991, 62.5679 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, 255, 191) }
```


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

```
.border{ border-color:rgb(201, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2514, 87.6991, 62.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 191) }
```

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

```
.background{ background-color: rgb(201,  
255, 191) }
```

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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