

Converting Colors

XYZ(74.6695, 86.6544,
133.4405)

Have a look what the booklet for
XYZ(74.6695, 86.6544, 133.4405)
contains.

XYZ(69.6912, 84.5899, 107.2621)	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(69.6912, 84.5899,
107.2621)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFAFF
RGB	174, 250, 255
RGB Percent	68%, 98%, 100%
CMY	0.3176, 0.0196, 0.0000
CMYK	0.32, 0.02, 0.00, 0.00
HSL	184°, 100%, 84%
HSV	184°, 32%, 100%
XYZ	69.6912, 84.5899, 107.2621
YIQ	227.8460, -46.9010, -14.5570

Conversions

Conversions Part 2

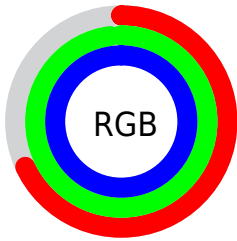
Format	Color
R _Y B	174, 213, 255
Decimal	11467519
CIE Lab	93.71, -22.00, -9.85
CIE LCh	94, 24.109, 204.126
Yxy	84.5899, 0.2665, 0.3234
Android (android.graphics.Color)	4289657599 (0xFFFAEFAFF)
YUV	227.8460, 13.3869, -47.2229
Hunter-Lab	91.9728, -25.6962, -4.7653

Details

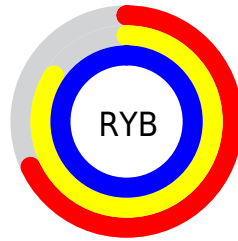
The XYZ color **69.6912, 84.5899, 107.2621** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **65.0003, 56.5560, 47.5369**, and the grayscale version is **73.5620, 77.3930, 84.2810**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **36.7342, 46.0687, 60.3821** is the 20% darker color. If you saturate the color by 10%, you get **64.0544, 80.9637, 106.8593**, and if you desaturate by 10%, it is **76.4149, 88.7867, 107.7178**.

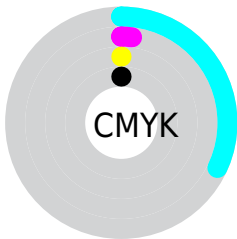
Distribution



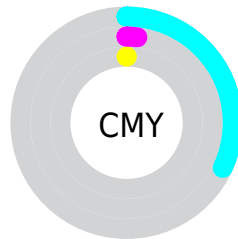
- Red (68%)
- Green (98%)
- Blue (100%)



- Red (68%)
- Yellow (84%)
- Blue (100%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6912, 84.5899, 107.2621 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 69.6912, 84.5899, 107.2621 by changing the saturation by 10% instead.


 69.6912, 84.5899,
107.2621

 69.6912, 84.5899,
107.2621

448.7484,
510.2701, 604.6775

 51.5535, 63.5026,
81.7285

 117.7970,
139.8001, 173.2403

 36.8721, 46.2479,
60.6073


148.4957,
174.6917, 214.5221

 25.2817, 32.4415,
43.4798

184.1122,
214.9536, 261.8903

 16.4169, 21.6989,
29.9276

225.0119,
260.9700, 315.7636

 9.9124, 13.6359,
19.5320

271.5599,
313.1255, 376.5604

 5.4027, 7.8678,
11.8747

324.1218,

 2.5226, 4.0105,

371.8044, 444.6993

6.5369

383.0628,
437.3912, 520.5988

■ 0.9067, 1.6794,
3.1002

■ 0.0000, 0.4103,
1.1460

■ 69.6912, 84.5899,
107.2621

■ 69.6912, 84.5899,
107.2621

■ 64.0544, 80.9637,
106.8593

■ 76.4149, 88.7867,
107.7178

■ 59.4366, 77.8666,
106.5049

■ 84.2752, 93.5735,
108.2275

■ 55.7728, 75.2674,
106.1963

■ 93.3267, 98.9804,
108.7940

■ 52.9874, 73.1271,
105.9300

■ 95.0500, 100.0000,
108.9000

■ 50.9937, 71.4009,
105.7018

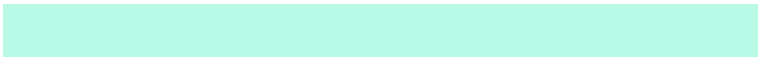
■ 49.6870, 70.0348,
105.5070

■ 48.9965, 69.1129,
105.3655

Harmonies

Analogous

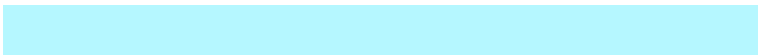
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7774, 84.5899, 88.5463



69.6912, 84.5899, 107.2621



73.4070, 84.5899, 123.6904

Triad

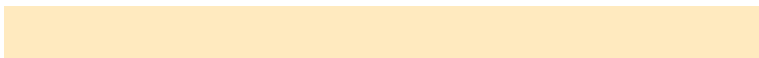
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6912, 84.5899, 107.2621



90.7820, 84.5899, 114.3222



81.6653, 84.5899, 61.3248

Complementary

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



69.6912, 84.5899, 107.2621



65.0003, 56.5560, 47.5369

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.



87.8239, 84.5899, 66.4124



69.6912, 84.5899, 107.2621



93.2637, 84.5899, 95.7557

Square

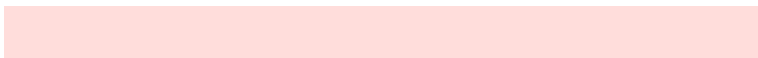
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6912, 84.5899, 107.2621



85.5320, 84.5899, 128.1300



92.1535, 84.5899, 78.4458



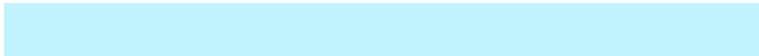
75.4778, 84.5899, 63.5559

Rectangle

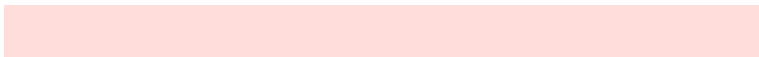
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6912, 84.5899, 107.2621



77.0832, 84.5899, 130.3020



92.1535, 84.5899, 78.4458



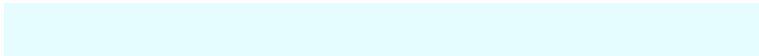
83.8109, 84.5899, 62.2121

Sweetspot

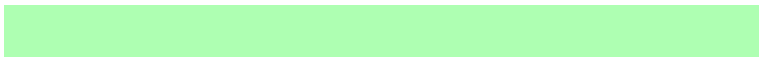
The Sweet Spot groups the original color and five complimentary colors.



69.6934, 84.5932, 107.2626



85.7832, 94.4810, 108.3231



61.2577, 83.7356, 55.0817



18.1032, 20.0677, 23.1693



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.



69.6934, 84.5932, 107.2626



66.0532, 82.2653, 107.0052



58.6648, 62.5359, 103.5864



18.4533, 20.2782, 23.1914



25.6429, 36.1954, 55.0695



2.5247, 3.5800, 5.3712

Inverse Universe

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



73.6328, 58.4360, 97.8446



70.5865, 52.5889, 96.0723



74.0951, 74.7456, 50.5685



18.7414, 18.2799, 22.5216



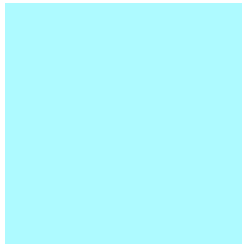
29.7315, 14.3819, 44.0983



2.9089, 1.4060, 4.3679

Previews

White Background



This preview shows how the XYZ color 69.6912, 84.5899, 107.2621 looks on a white background.

Color Contrast Check

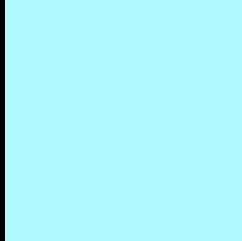
Large Text (above 18pt) WCAG AA × Fail

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 69.6912, 84.5899, 107.2621 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 69.6912, 84.5899, 107.2621

Background



This preview shows how black text looks on a background with the XYZ color 69.6912, 84.5899, 107.2621.

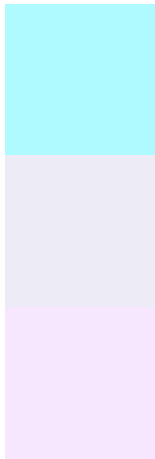


This preview shows how white text looks on a background with the XYZ color 69.6912, 84.5899,

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

69.6912, 84.5899, 107.2621

Protanopia

81.2679, 84.0750, 99.1336

Deuteranopia

84.6319, 83.9647, 106.3540



Tritanopia

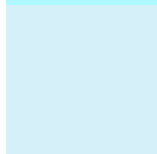
75.2774, 84.3003, 106.9118

Trichromacy



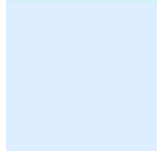
Original Color

69.6912, 84.5899, 107.2621



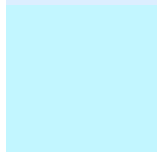
Protanomaly

75.9905, 83.4559, 101.7260



Deuteranomaly

78.1397, 83.5847, 106.6228



Tritanomaly

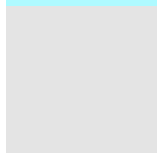
73.2539, 84.6009, 107.0765

Monochromacy



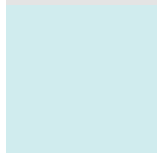
Original Color

69.6912, 84.5899, 107.2621



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.4405, 79.5738, 92.4829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6912, 84.5899, 107.2621 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(174, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 250, 255)  
}
```

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(174, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.6912, 84.5899, 107.2621 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(174, 250, 255) }
```


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

```
.border{ border-color:rgb(174, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(174, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6912, 84.5899, 107.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 250, 255) }
```

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

```
.background{ background-color: rgb(174,  
250, 255) }
```

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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