

Converting Colors

XYZ(67.4808, 82.3790,
100.5592)

Have a look what the booklet for
XYZ(67.4808, 82.3790, 100.5592)
contains.

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Color

**XYZ(67.2828, 82.1212,
100.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF7F7
RGB	173, 247, 247
RGB Percent	68%, 97%, 97%
CMY	0.3216, 0.0314, 0.0314
CMYK	0.30, 0.00, 0.00, 0.03
HSL	180°, 82%, 82%
HSV	180°, 30%, 97%
XYZ	67.2828, 82.1212, 100.3005
YIQ	224.8740, -44.1040, -15.6880

Conversions

Conversions Part 2

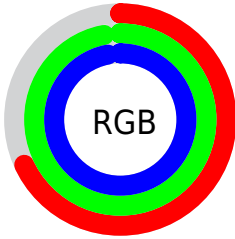
Format	Color
R _Y B	173, 210, 247
Decimal	11401207
CIE Lab	92.63, -22.61, -7.31
CIE LCh	93, 23.764, 197.916
Yxy	82.1212, 0.2694, 0.3289
Android (android.graphics.Color)	4289591287 (0xFFADF7F7)
YUV	224.8740, 10.9081, -45.4935
Hunter-Lab	90.6207, -26.0562, -2.1886

Details

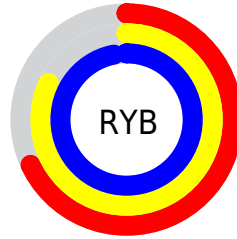
The XYZ color **67.2828, 82.1212, 100.3005** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.8470, 52.6807, 46.4996**, and the grayscale version is **71.4263, 75.1460, 81.8340**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **35.2886, 44.4401, 56.0081** is the 20% darker color. If you saturate the color by 10%, you get **62.3184, 79.5640, 100.0691**, and if you desaturate by 10%, it is **73.2617, 85.2055, 100.5829**.

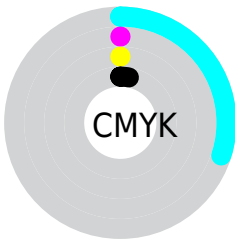
Distribution



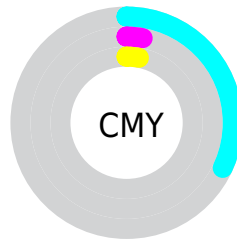
- Red (68%)
- Green (97%)
- Blue (97%)



- Red (68%)
- Yellow (82%)
- Blue (97%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (32%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2828, 82.1212, 100.3005 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 67.2828, 82.1212, 100.3005 by changing the saturation by 10% instead.

67.2828, 82.1212,
100.3005

67.2828, 82.1212,
100.3005

440.3674,
502.0530, 582.4106

49.5860, 61.4654,
75.9332

114.3731,
136.3440, 163.6256

35.3010, 44.6009,
55.8714

144.4973,
170.6797, 203.4204

24.0625, 31.1432,
39.6966

179.4948,
210.3443, 249.1949

15.5049, 20.7079,
26.9900

219.7308,
255.7221, 301.3676

9.2631, 12.9107,
17.3334

265.5707,
307.1975, 360.3569

4.9717, 7.3671,
10.3080

317.3798,

2.2653, 3.6927,

365.1548, 426.5815

5.4954

375.5236,
429.9785, 500.4599

0.7768, 1.5032,
2.4770

0.0000, 0.2910,
0.8279

67.2828, 82.1212,
100.3005

67.2828, 82.1212,
100.3005

62.3184, 79.5640,
100.0691

73.2617, 85.2055,
100.5829

58.3054, 77.4953,
99.8805

80.2994, 88.8335,
100.9130

55.1853, 75.8868,
99.7337

88.4460, 93.0332,
101.2951

52.8899, 74.7035,
99.6255

91.2916, 94.5002,
101.4291

51.3411, 73.9051,
99.5522

91.2917, 94.5002,
101.4299

50.4460, 73.4437,
99.5095

91.2919, 94.5003,
101.4307

50.0511, 73.2401,
99.4902

91.2920, 94.5003,
101.4315

50.0499, 73.2395,
99.4902

91.2922, 94.5004,
101.4323

91.2924, 94.5005,
101.4331

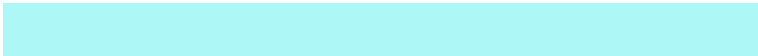
Harmonies

Analogous

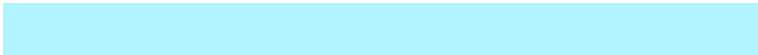
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9997, 82.1212, 82.4783



67.2828, 82.1212, 100.3005



70.3564, 82.1212, 117.1302

Triad

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



67.2828, 82.1212, 100.3005



87.2104, 82.1212, 114.2228



80.5682, 82.1212, 60.0924

Complementary

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



67.2828, 82.1212, 100.3005



60.8470, 52.6807, 46.4996

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.



86.2930, 82.1212, 66.4595



67.2828, 82.1212, 100.3005



90.2613, 82.1212, 96.7323

Square

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



67.2828, 82.1212, 100.3005



81.7671, 82.1212, 125.8694



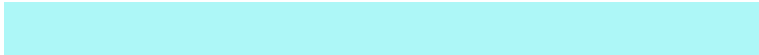
89.9169, 82.1212, 79.3489



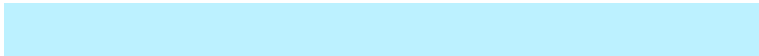
74.4545, 82.1212, 60.7827

Rectangle

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



67.2828, 82.1212, 100.3005



73.6703, 82.1212, 124.8090



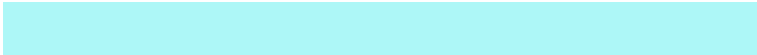
89.9169, 82.1212, 79.3489



82.6077, 82.1212, 61.4396

Sweetspot

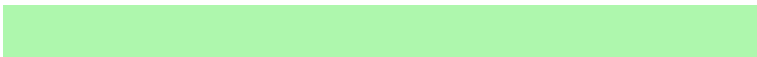
The Sweet Spot groups the original color and five complimentary colors.



67.2852, 82.1245, 100.3024



87.1048, 95.9041, 108.5274



58.3136, 78.5675, 51.6283



18.3888, 20.3959, 23.2174



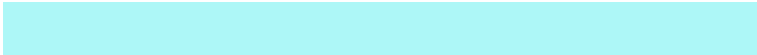
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.2852, 82.1245, 100.3024



68.9546, 86.5474, 107.6756



57.3767, 62.3068, 97.0018



16.9968, 18.7578, 21.2672



26.4686, 38.7323, 52.6149



2.3263, 3.4042, 4.6244

Inverse Universe

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



60.8470, 52.6807, 46.4996



61.0019, 50.1771, 41.2161



68.6467, 68.2806, 49.0981



16.4992, 16.4825, 17.1096



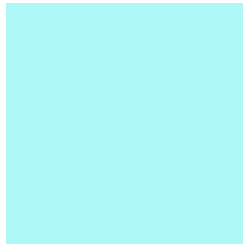
20.2862, 10.4579, 0.9496



1.7830, 0.9192, 0.0835

Previews

White Background



This preview shows how the XYZ color 67.2828, 82.1212, 100.3005 looks on a white background.

Color Contrast Check

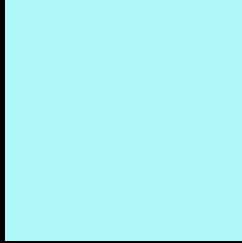
Large Text (above 18pt) WCAG AA × Fail

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 67.2828, 82.1212, 100.3005 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 67.2828, 82.1212, 100.3005

Background



This preview shows how black text looks on a background with the XYZ color 67.2828, 82.1212, 100.3005.



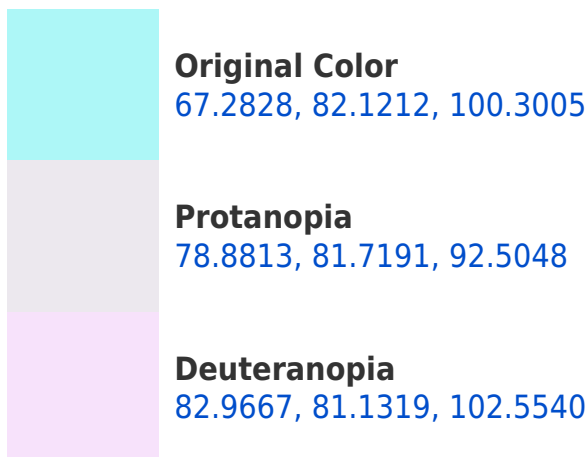
This preview shows how white text looks on a background with the XYZ color 67.2828, 82.1212,

100.3005.

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





Tritanopia

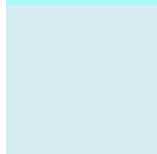
72.2702, 81.8664, 106.6005

Trichromacy



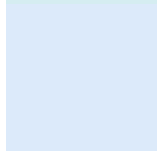
Original Color

67.2828, 82.1212, 100.3005



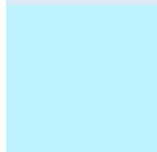
Protanomaly

73.6019, 81.0654, 94.9870



Deuteranomaly

76.1933, 80.9634, 102.0542



Tritanomaly

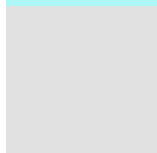
70.3603, 81.8208, 104.1801

Monochromacy



Original Color

67.2828, 82.1212, 100.3005



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.3005, 77.2828, 88.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2828, 82.1212, 100.3005 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(173, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 247, 247)  
}
```

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(173, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 247, 247) }
```

Border

The CSS property to change the border of an element to XYZ 67.2828, 82.1212, 100.3005 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(173, 247, 247) }
```


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

```
.border{ border-color:rgb(173, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(173, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(173, 247,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2828, 82.1212, 100.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 247, 247) }
```

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

```
.background{ background-color: rgb(173,  
247, 247) }
```

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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