

Converting Colors

XYZ(67.2776, 82.6258, 88.8773)

Have a look what the booklet for
XYZ(67.2776, 82.6258, 88.8773)
contains.

XYZ(67.4243, 82.9061, 88.7928)	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(67.4243, 82.9061,
88.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F8E8
RGB	182, 248, 232
RGB Percent	71%, 97%, 91%
CMY	0.2863, 0.0274, 0.0902
CMYK	0.27, 0.00, 0.06, 0.03
HSL	165°, 83%, 84%
HSV	165°, 27%, 97%
XYZ	67.4243, 82.9061, 88.7928
YIQ	226.4420, -34.2000, -18.9680

Conversions

Conversions Part 2

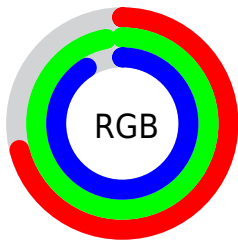
Format	Color
RYB	182, 220, 248
Decimal	11991272
CIELab	92.97, -23.79, 1.03
CIElCh	93, 23.809, 177.518
Yxy	82.9061, 0.2820, 0.3467
Android (android.graphics.Color)	4290181352 (0xFFB6F8E8)
YUV	226.4420, 2.7401, -38.9756
Hunter-Lab	91.0528, -27.1637, 5.9186

Details

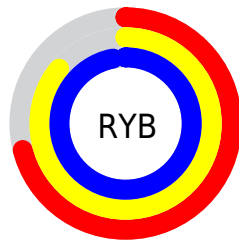
The XYZ color **67.4243, 82.9061, 88.7928** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6353, 57.4918, 61.0671**, and the grayscale version is **72.6091, 76.3904, 83.1891**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **35.2197, 44.9082, 47.8862** is the 20% darker color. If you saturate the color by 10%, you get **61.2389, 79.8166, 84.1219**, and if you desaturate by 10%, it is **74.6808, 86.5488, 93.6700**.

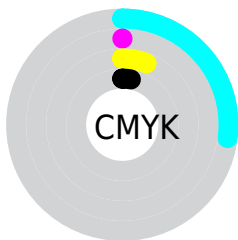
Distribution



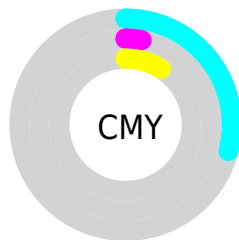
- Red (71%)
- Green (97%)
- Blue (91%)



- Red (71%)
- Yellow (86%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)





- Cyan (29%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4243, 82.9061, 88.7928 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 67.4243, 82.9061, 88.7928 by changing the saturation by 10% instead.


 67.4243, 82.9061,
88.7928

 67.4243, 82.9061,
88.7928


440.8623,
504.6735, 544.5644

 49.7015, 62.1127,
66.4118


 114.5746,
137.4439, 147.5812

 35.3931, 45.1238,
48.1482


144.7328,
171.9572, 184.8257

 24.1338, 31.5549,
33.5834


179.7669,
211.8124, 227.8618

 15.5582, 21.0218,
22.2990

220.0422,
257.3942, 277.1079

 9.3009, 13.1399,
13.8763

265.9240,
309.0867, 332.9827

 4.9966, 7.5250,
7.8969

317.7777,

 2.2800, 3.7925,

367.2746, 395.9047

3.9422

375.9687,
432.3420, 466.2925

■ 0.7844, 1.5582,
1.5937

■ 0.0000, 0.3292,
0.2863

■ 67.4243, 82.9061,
88.7928

■ 67.4243, 82.9061,
88.7928

■ 61.2389, 79.8166,
84.1219

■ 74.6808, 86.5488,
93.6700

■ 56.0626, 77.2418,
79.6475

■ 83.0525, 90.7607,
98.7516

■ 51.8376, 75.1541,
75.3672

■ 92.0707, 95.3025,
104.0190

■ 48.4975, 73.5193,
71.2763

■ 92.8589, 95.6178,
108.1696

■ 45.9669, 72.2986,
67.3697

■ 44.1575, 71.4464,
63.6417

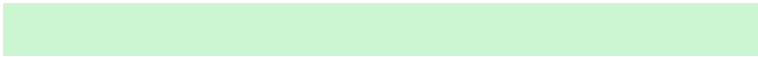
■ 42.9584, 70.9058,
60.0855

■ 42.6323, 70.7632,
58.9170

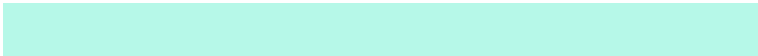
Harmonies

Analogous

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



69.1176, 82.9061, 73.0668



67.4243, 82.9061, 88.7928



68.6433, 82.9061, 107.0729

Triad

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



67.4243, 82.9061, 88.7928



84.4668, 82.9061, 124.2542



85.4116, 82.9061, 64.3059

Complementary

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



67.4243, 82.9061, 88.7928



65.6353, 57.4918, 61.0671

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.



89.9117, 82.9061, 75.3251



67.4243, 82.9061, 88.7928



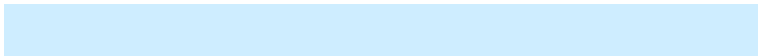
89.3463, 82.9061, 109.9829

Square

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



67.4243, 82.9061, 88.7928



78.2820, 82.9061, 129.0798



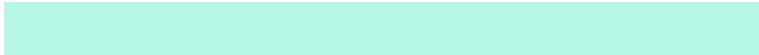
91.3877, 82.9061, 91.7648



79.3198, 82.9061, 60.1427

Rectangle

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



67.4243, 82.9061, 88.7928



70.9810, 82.9061, 118.0186



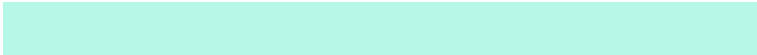
91.3877, 82.9061, 91.7648



87.1725, 82.9061, 67.2533

Sweetspot

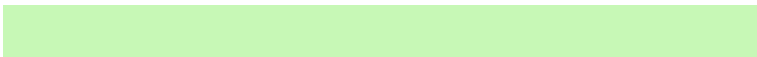
The Sweet Spot groups the original color and five complimentary colors.



67.4267, 82.9095, 88.7947



87.1528, 96.0197, 104.4269



65.4342, 82.5896, 56.7500



18.3555, 20.4017, 22.1750



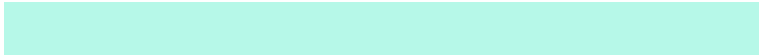
0.0000, 0.0000, 0.0000



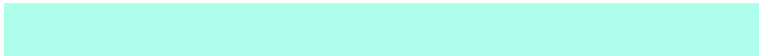
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4267, 82.9095, 88.7947



68.1087, 86.4605, 91.8592



64.9533, 74.1575, 99.7013



17.5753, 19.5324, 21.2303



23.0871, 38.2478, 32.1315



2.1797, 3.5590, 3.1943

Inverse Universe

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



65.6353, 57.4918, 61.0671



65.9067, 55.1593, 57.7334



67.4662, 63.9534, 53.0457



17.4171, 17.2942, 18.7864



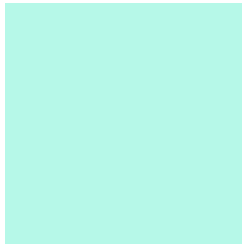
21.4002, 10.9758, 3.5499



2.0219, 1.0325, 0.5387

Previews

White Background



This preview shows how the XYZ color 67.4243, 82.9061, 88.7928 looks on a white background.

Color Contrast Check

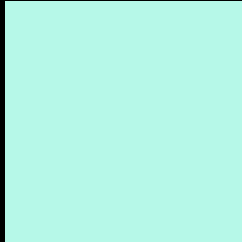
Large Text (above 18pt) WCAG AA × Fail

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 67.4243, 82.9061, 88.7928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

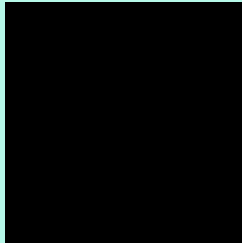
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

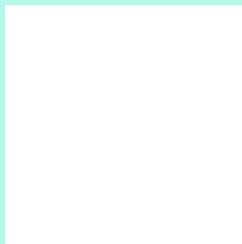
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4243, 82.9061, 88.7928

Background



This preview shows how black text looks on a background with the XYZ color 67.4243, 82.9061, 88.7928.



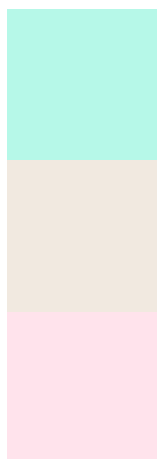
This preview shows how white text looks on a background with the XYZ color 67.4243, 82.9061,

88.7928.

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

67.4243, 82.9061, 88.7928

Protanopia

78.8691, 82.3604, 82.2613

Deuteranopia

83.8494, 82.2543, 90.8142



Tritanopia

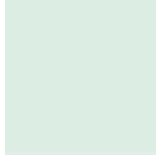
74.1339, 82.8271, 106.6877

Trichromacy



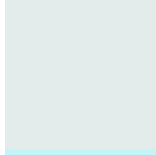
Original Color

67.4243, 82.9061, 88.7928



Protanomaly

73.9549, 81.9108, 84.5856



Deuteranomaly

76.6986, 81.9088, 90.3648



Tritanomaly

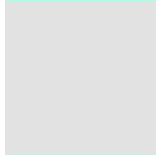
71.6449, 83.0189, 100.2438

Monochromacy



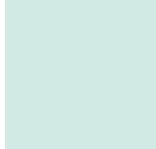
Original Color

67.4243, 82.9061, 88.7928



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.0048, 78.1487, 84.7934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4243, 82.9061, 88.7928 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(182, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(182, 248, 232)  
}
```

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(182, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 248, 232) }
```

Border

The CSS property to change the border of an element to XYZ 67.4243, 82.9061, 88.7928 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(182, 248, 232) }
```


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

```
.border{ border-color:rgb(182, 248, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 248, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(182, 248,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4243, 82.9061, 88.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 248, 232) }
```

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

```
.background{ background-color: rgb(182,  
248, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor