

Converting Colors

XYZ(68.4248, 82.3277, 97.0785)

Have a look what the booklet for
XYZ(68.4248, 82.3277, 97.0785)
contains.

XYZ(68.4248, 82.3277, 97.0785)	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(68.4248, 82.3277,
97.0785)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F6F3
RGB	182, 246, 243
RGB Percent	71%, 96%, 95%
CMY	0.2863, 0.0353, 0.0471
CMYK	0.26, 0.00, 0.01, 0.04
HSL	177°, 78%, 84%
HSV	177°, 26%, 96%
XYZ	68.4248, 82.3277, 97.0785
YIQ	226.5220, -37.1810, -14.5010

Conversions

Conversions Part 2

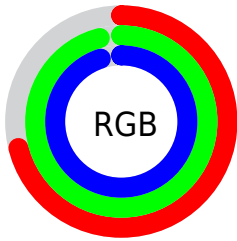
Format	Color
R _Y B	182, 215, 246
Decimal	11990771
CIE Lab	92.72, -20.50, -5.05
CIE LCh	93, 21.109, 193.833
Yxy	82.3277, 0.2761, 0.3322
Android (android.graphics.Color)	4290180851 (0xFFB6F6F3)
YUV	226.5220, 8.1237, -39.0458
Hunter-Lab	90.7346, -24.1751, 0.0789

Details

The XYZ color **68.4248, 82.3277, 97.0785** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4938, 56.5537, 53.4716**, and the grayscale version is **72.6308, 76.4133, 83.2141**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **36.1355, 44.9268, 53.7809** is the 20% darker color. If you saturate the color by 10%, you get **62.9446, 79.5247, 95.9166**, and if you desaturate by 10%, it is **74.9315, 85.6639, 98.2977**.

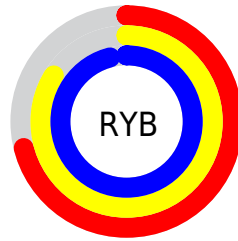
Distribution



Red (71%)

Green (96%)

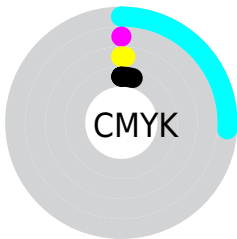
Blue (95%)



Red (71%)

Yellow (84%)

Blue (96%)

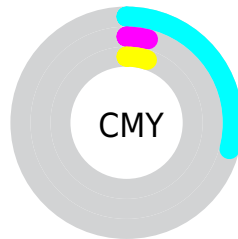


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4248, 82.3277, 97.0785 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 68.4248, 82.3277, 97.0785 by changing the saturation by 10% instead.

68.4248, 82.3277,
97.0785

68.4248, 82.3277,
97.0785

444.3528,
502.7432, 571.9513

50.5183, 61.6357,
73.2597

115.9982,
136.6335, 159.1532

36.0449, 44.7384,
53.6952

146.3959,
171.0160, 198.2462

24.6392, 31.2514,
37.9665

181.6880,
210.7308, 243.2677

15.9357, 20.7904,
25.6551

222.2399,
256.1623, 294.6362

9.5692, 12.9709,
16.3423

268.4170,
307.6949, 352.7703

5.1744, 7.4085,
9.6098

320.5846,

2.3857, 3.7188,

365.7130, 418.0885

5.0388

379.1081,
430.6010, 491.0093

■ 0.8380, 1.5176,
2.2109

■ 0.0000, 0.3010,
0.6806

■ 68.4248, 82.3277,
97.0785

■ 68.4248, 82.3277,
97.0785

■ 62.9446, 79.5247,
95.9166

■ 74.9315, 85.6639,
98.2977

■ 58.4302, 77.2174,
94.8038


■ 82.5069, 89.5488,
99.5709

■ 54.8258, 75.3791,
93.7394


■ 90.9032, 93.8568,
100.8882


■ 52.0669, 73.9766,
92.7202


■ 91.0814, 93.9281,
101.8267


 50.0806, 72.9722,
91.7428


 91.2607, 93.9999,
102.7710


 48.7815, 72.3219,
90.8033


 91.4412, 94.0720,
103.7211

 48.0640, 71.9713,
89.8966

 91.6227, 94.1446,
104.6771

 47.8750, 71.8816,
89.5415

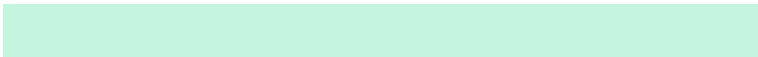
 91.8054, 94.2177,
105.6389

 91.9891, 94.2912,
106.6065

Harmonies

Analogous

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



68.5268, 82.3277, 81.4703



68.4248, 82.3277, 97.0785



70.8672, 82.3277, 112.2931

Triad

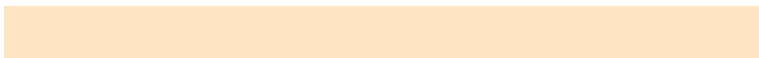
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4248, 82.3277, 97.0785



85.8043, 82.3277, 113.3096



81.2314, 82.3277, 63.5866

Complementary

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



68.4248, 82.3277, 97.0785



63.4938, 56.5537, 53.4716

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.



86.1285, 82.3277, 70.2603



68.4248, 82.3277, 97.0785



88.8521, 82.3277, 98.3403

Square

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



68.4248, 82.3277, 97.0785



80.8057, 82.3277, 122.3797



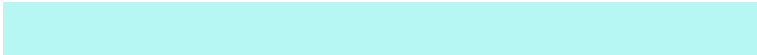
88.9734, 82.3277, 82.5932



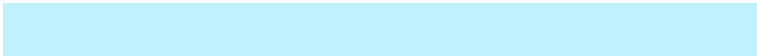
75.7488, 82.3277, 63.3331

Rectangle

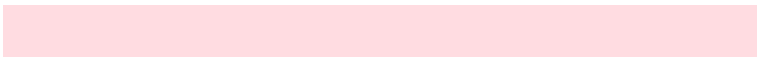
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.4248, 82.3277, 97.0785



73.6788, 82.3277, 119.6614



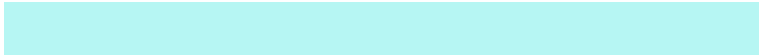
88.9734, 82.3277, 82.5932



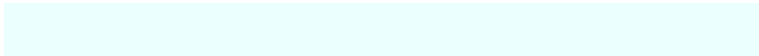
83.0064, 82.3277, 65.1148

Sweetspot

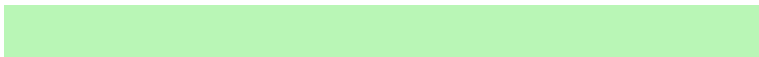
The Sweet Spot groups the original color and five complimentary colors.



68.4272, 82.3310, 97.0804



87.7853, 96.2727, 107.7576



61.4576, 79.6315, 56.3887



18.5159, 20.4659, 23.0195



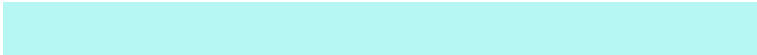
0.0000, 0.0000, 0.0000



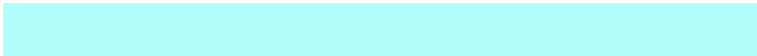
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4272, 82.3310, 97.0804



71.1117, 87.7277, 104.6925



60.7928, 66.3304, 96.7916



16.9611, 18.7436, 21.0797



25.5678, 38.3720, 47.8714



2.2574, 3.3766, 4.2611

Inverse Universe

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



63.4938, 56.5537, 53.4716



64.9591, 55.5725, 50.3010



69.6970, 69.4622, 53.9916



16.5306, 16.4951, 17.2750



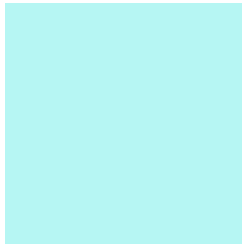
20.3340, 10.4770, 1.2014



1.7980, 0.9252, 0.1628

Previews

White Background



This preview shows how the XYZ color 68.4248, 82.3277, 97.0785 looks on a white background.

Color Contrast Check

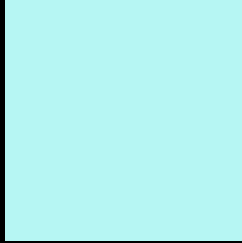
Large Text (above 18pt) WCAG AA × Fail

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 68.4248, 82.3277, 97.0785 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 68.4248, 82.3277, 97.0785

Background



This preview shows how black text looks on a background with the XYZ color 68.4248, 82.3277, 97.0785.



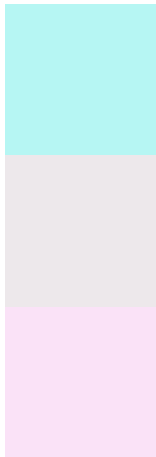
This preview shows how white text looks on a background with the XYZ color 68.4248, 82.3277,

97.0785.

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

68.4248, 82.3277, 97.0785

Protanopia

78.7771, 81.7159, 90.2180

Deuteranopia

83.4092, 81.4321, 99.3175



Tritanopia

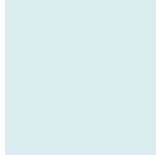
73.0295, 81.8195, 106.5514

Trichromacy



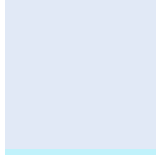
Original Color

68.4248, 82.3277, 97.0785



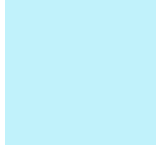
Protanomaly

74.3321, 81.4931, 92.7009



Deuteranomaly

76.8248, 80.9392, 98.7625



Tritanomaly

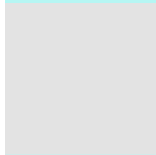
71.1570, 81.8068, 103.3067

Monochromacy



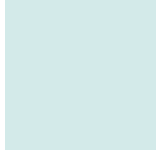
Original Color

68.4248, 82.3277, 97.0785



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.9948, 78.5777, 88.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4248, 82.3277, 97.0785 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, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(182, 246, 243)  
}
```

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, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 246, 243) }
```

Border

The CSS property to change the border of an element to XYZ 68.4248, 82.3277, 97.0785 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, 246, 243) }
```


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

```
.border{ border-color:rgb(182, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(182, 246,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4248, 82.3277, 97.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 246, 243) }
```

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

```
.background{ background-color: rgb(182,  
246, 243) }
```

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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