

Converting Colors

XYZ(61.9248, 72.1431, 84.0829)

Have a look what the booklet for
XYZ(61.9248, 72.1431, 84.0829)
contains.

XYZ(62.0676, 72.3854, 84.0993)	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(62.0676, 72.3854,
84.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E6E4
RGB	184, 230, 228
RGB Percent	72%, 90%, 89%
CMY	0.2784, 0.0980, 0.1059
CMYK	0.20, 0.00, 0.01, 0.10
HSL	177°, 48%, 81%
HSV	177°, 20%, 90%
XYZ	62.0676, 72.3854, 84.0993
YIQ	216.0180, -26.7740, -10.3740

Conversions

Conversions Part 2

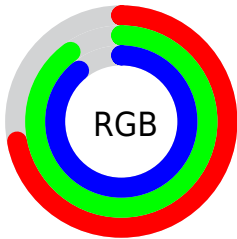
Format	Color
RYB	184, 208, 230
Decimal	12117732
CIELab	88.15, -15.15, -3.93
CIELCh	88, 15.650, 194.531
Yxy	72.3854, 0.2840, 0.3312
Android (android.graphics.Color)	4290307812 (0xFFB8E6E4)
YUV	216.0180, 5.9071, -28.0798
Hunter-Lab	85.0796, -18.6693, 0.9489

Details

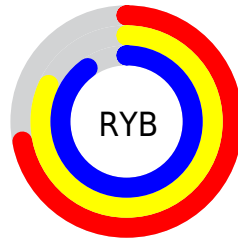
The XYZ color **62.0676, 72.3854, 84.0993** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.6391, 54.6512, 53.9156**, and the grayscale version is **65.2583, 68.6568, 74.7673**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.8848, 38.0351, 45.1962** is the 20% darker color. If you saturate the color by 10%, you get **56.8616, 69.7195, 83.1335**, and if you desaturate by 10%, it is **68.1744, 75.5193, 85.1145**.

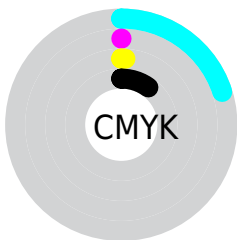
Distribution



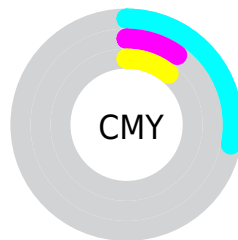
- Red (72%)
- Green (90%)
- Blue (89%)



- Red (72%)
- Yellow (82%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0676, 72.3854, 84.0993 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 62.0676, 72.3854, 84.0993 by changing the saturation by 10% instead.


 62.0676, 72.3854,
84.0993

 62.0676, 72.3854,
84.0993


421.8913,
468.8819, 528.7096

 45.3431, 53.4736,
62.5516


 106.9126,
122.6043, 140.9770

 31.9302, 38.1809,
45.0399


135.7639,
154.6802, 177.1441

 21.4635, 26.1232,
31.1456


169.3881,
191.9128, 219.0214

 13.5776, 16.9158,
20.4504

208.1506,
234.6867, 267.0274

 7.9072, 10.1745,
12.5355

252.4169,
283.3861, 321.5807

 4.0869, 5.5148,
6.9826

302.5522,

 1.7514, 2.5524,

338.3956, 383.0998

3.3729

358.9218,
400.0994, 452.0032

■ 0.4881, 0.9028,
1.2881

■ 0.0000, 0.0000,
0.0520

■ 62.0676, 72.3854,
84.0993

■ 62.0676, 72.3854,
84.0993

■ 56.8616, 69.7195,
83.1335

■ 68.1744, 75.5193,
85.1145

■ 52.5069, 67.4905,
82.2102

■ 75.2159, 79.1332,
86.1762

■ 48.9587, 65.6772,
81.3289

■ 83.2322, 83.2494,
87.2877

■ 46.1658, 64.2531,
80.4870

■ 84.1046, 83.6828,
88.0690

■ 44.0709, 63.1888,
79.6820

■ 84.2473, 83.7399,
88.8205

■ 42.6087, 62.4506,
78.9108

■ 84.3908, 83.7973,
89.5762

■ 41.7015, 61.9983,
78.1698

■ 84.5352, 83.8550,
90.3363

■ 41.2151, 61.7630,
77.4526

■ 84.6803, 83.9131,
91.1006

■ 84.8263, 83.9715,
91.8692

Harmonies

Analogous

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



62.0961, 72.3854, 73.4460



62.0676, 72.3854, 84.0993



63.7974, 72.3854, 94.1675

Triad

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



62.0676, 72.3854, 84.0993



73.9704, 72.3854, 94.4366



70.7371, 72.3854, 60.5771

Complementary

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



62.0676, 72.3854, 84.0993



58.6391, 54.6512, 53.9156

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.



74.0579, 72.3854, 65.2297



62.0676, 72.3854, 84.0993



75.9702, 72.3854, 84.4403

Square

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



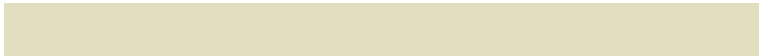
62.0676, 72.3854, 84.0993



70.6212, 72.3854, 100.4925



76.0028, 72.3854, 73.7576



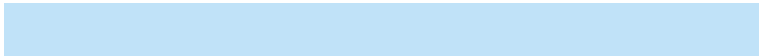
67.0107, 72.3854, 60.5038

Rectangle

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



62.0676, 72.3854, 84.0993



65.7522, 72.3854, 98.9211



76.0028, 72.3854, 73.7576



71.9409, 72.3854, 61.6372

Sweetspot

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



62.0697, 72.3884, 84.1009



89.5363, 97.1700, 108.0831



57.2734, 70.5340, 55.9446



19.0417, 20.7354, 23.1155



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.



62.0697, 72.3884, 84.1009



75.5807, 90.0124, 105.7650



56.9264, 61.6542, 83.7664



14.7789, 16.3250, 18.3665



23.3449, 34.9700, 43.9119



1.7336, 2.5875, 3.2895

Inverse Universe

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



58.6391, 54.6512, 53.9156



70.5041, 63.7613, 61.0935



63.0471, 63.8055, 54.3416



14.4023, 14.3781, 15.0529



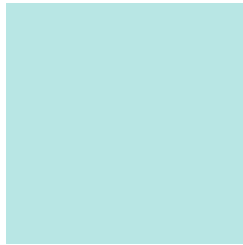
18.5176, 9.5413, 1.0888



1.3774, 0.7087, 0.1280

Previews

White Background



This preview shows how the XYZ color 62.0676, 72.3854, 84.0993 looks on a white background.

Color Contrast Check

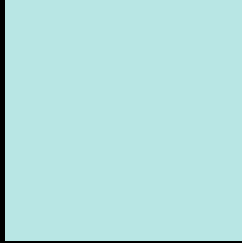
Large Text (above 18pt) WCAG AA × Fail

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 62.0676, 72.3854, 84.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

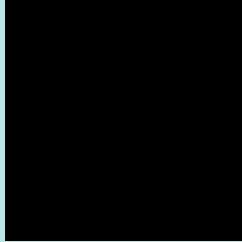
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0676, 72.3854, 84.0993

Background



This preview shows how black text looks on a background with the XYZ color 62.0676, 72.3854, 84.0993.



This preview shows how white text looks on a background with the XYZ color 62.0676, 72.3854,

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

62.0676, 72.3854, 84.0993

Protanopia

69.2568, 71.7843, 79.3128

Deuteranopia

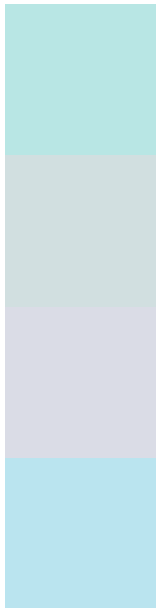
73.3954, 71.8672, 85.6047



Tritanopia

64.4440, 72.0955, 96.9055

Trichromacy



Original Color

62.0676, 72.3854, 84.0993

Protanomaly

66.1367, 71.7125, 80.8771

Deuteranomaly

68.7896, 71.8050, 85.0971

Tritanomaly

63.5731, 72.1579, 92.2386

Monochromacy



Original Color

62.0676, 72.3854, 84.0993

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6766, 69.7176, 77.8109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0676, 72.3854, 84.0993 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(184, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 230, 228)  
}
```

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(184, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.0676, 72.3854, 84.0993 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(184, 230, 228) }
```


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

```
.border{ border-color:rgb(184, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0676, 72.3854, 84.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 228) }
```

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

```
.background{ background-color: rgb(184,  
230, 228) }
```

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