

Converting Colors

XYZ(62.3934, 72.9687, 85.9413)

Have a look what the booklet for
XYZ(62.3934, 72.9687, 85.9413)
contains.

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Color

**XYZ(62.3873, 72.9323,
85.6521)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E7E6
RGB	183, 231, 230
RGB Percent	72%, 91%, 90%
CMY	0.2823, 0.0941, 0.0980
CMYK	0.21, 0.00, 0.00, 0.09
HSL	179°, 50%, 81%
HSV	179°, 21%, 91%
XYZ	62.3873, 72.9323, 85.6521
YIQ	216.5340, -28.2870, -10.4870

Conversions

Conversions Part 2

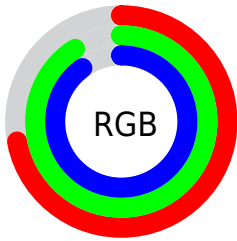
Format	Color
R_{YB}	183, 207, 231
Decimal	12052454
CIE _{Lab}	88.42, -15.53, -4.60
CIE _{LCh}	88, 16.200, 196.489
Yxy	72.9323, 0.2823, 0.3301
Android (android.graphics.Color)	4290242534 (0xFFB7E7E6)
YUV	216.5340, 6.6387, -29.4093
Hunter-Lab	85.4004, -19.0517, 0.3155

Details

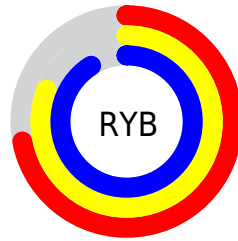
The XYZ color **62.3873, 72.9323, 85.6521** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5428, 54.3186, 52.7495**, and the grayscale version is **65.6061, 69.0228, 75.1658**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **32.1211, 38.4222, 46.2807** is the 20% darker color. If you saturate the color by 10%, you get **57.2703, 70.3041, 85.0608**, and if you desaturate by 10%, it is **68.4105, 76.0314, 86.2899**.

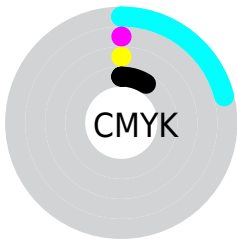
Distribution



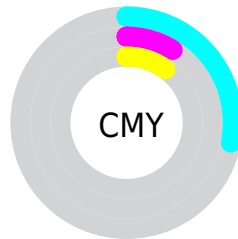
- Red (72%)
- Green (91%)
- Blue (90%)



- Red (72%)
- Yellow (81%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3873, 72.9323, 85.6521 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 62.3873, 72.9323, 85.6521 by changing the saturation by 10% instead.


 62.3873, 72.9323,
85.6521

 62.3873, 72.9323,
85.6521


423.0375,
470.7801, 533.9841

 45.6025, 53.9206,
63.8271


 107.3719,
123.3811, 143.1661

 32.1356, 38.5382,
46.0653


136.3024,
155.5870, 179.6922

 21.6211, 26.4007,
31.9484


170.0121,
192.9597, 221.9558

 13.6938, 17.1236,
21.0576

208.8665,
235.8837, 270.3753

 7.9883, 10.3227,
12.9744

253.2309,
284.7434, 325.3694

 4.1392, 5.6134,
7.2804

303.4706,

 1.7812, 2.6115,

339.9231, 387.3565

3.5570

359.9510,
401.8072, 456.7552

■ 0.5063, 0.9324,
1.3856

■ 0.0000, 0.0000,
0.1304

■ 62.3873, 72.9323,
85.6521

■ 62.3873, 72.9323,
85.6521

■ 57.2703, 70.3041,
85.0608

■ 68.4105, 76.0314,
86.2899

■ 53.0092, 68.1152,
84.5089

■ 75.3744, 79.6136,
86.9712

■ 49.5584, 66.3441,
83.9960

■ 83.3197, 83.7016,
87.6994

■ 46.8658, 64.9637,
83.5195

■ 84.3731, 84.2368,
88.1060

44.8729, 63.9441,
83.0768

84.4418, 84.2642,
88.4675

43.5129, 63.2507,
82.6646

84.5106, 84.2918,
88.8300

42.7060, 62.8424,
82.2793

84.5796, 84.3194,
89.1935

42.3291, 62.6552,
81.9421

84.6488, 84.3471,
89.5580

84.7183, 84.3748,
89.9235

Harmonies

Analogous

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



62.2935, 72.9323, 74.5068



62.3873, 72.9323, 85.6521



64.2930, 72.9323, 95.9949

Triad

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



62.3873, 72.9323, 85.6521



74.8916, 72.9323, 95.1039



71.0836, 72.9323, 60.3372

Complementary

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



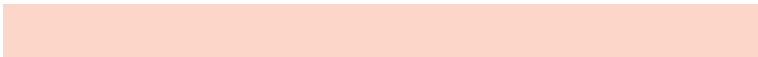
62.3873, 72.9323, 85.6521



58.5428, 54.3186, 52.7495

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.



74.6024, 72.9323, 64.8561



62.3873, 72.9323, 85.6521



76.8559, 72.9323, 84.5256

Square

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



62.3873, 72.9323, 85.6521



71.4663, 72.9323, 101.7915



76.7481, 72.9323, 73.4805



67.2171, 72.9323, 60.5776

Rectangle

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



62.3873, 72.9323, 85.6521



66.3765, 72.9323, 100.7354



76.7481, 72.9323, 73.4805



72.3492, 72.9323, 61.3305

Sweetspot

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



62.3894, 72.9353, 85.6537



89.5920, 97.1922, 108.3761



57.0366, 70.8384, 55.4682



19.0549, 20.7406, 23.1850



0.0000, 0.0000, 0.0000



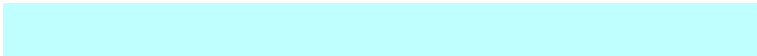
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3894, 72.9353, 85.6537



75.1450, 89.7633, 106.8528



56.6568, 61.2441, 84.4399



14.7938, 16.3309, 18.4448



23.7354, 35.1263, 45.9682



1.7581, 2.5974, 3.4189

Inverse Universe

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



58.5428, 54.3186, 52.7495



69.5044, 62.4624, 58.6012



63.4320, 64.2647, 53.8622



14.3892, 14.3728, 14.9837



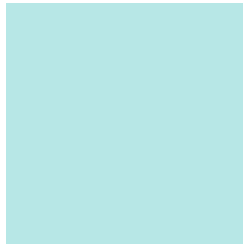
18.4955, 9.5324, 0.9722



1.3711, 0.7061, 0.0946

Previews

White Background



This preview shows how the XYZ color 62.3873, 72.9323, 85.6521 looks on a white background.

Color Contrast Check

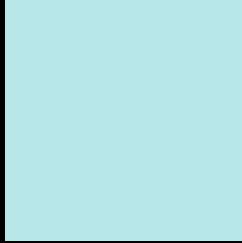
Large Text (above 18pt) WCAG AA × Fail

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 62.3873, 72.9323, 85.6521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

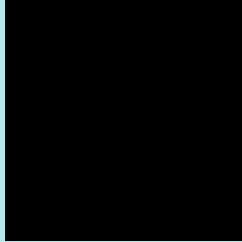
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3873, 72.9323, 85.6521

Background



This preview shows how black text looks on a background with the XYZ color 62.3873, 72.9323, 85.6521.

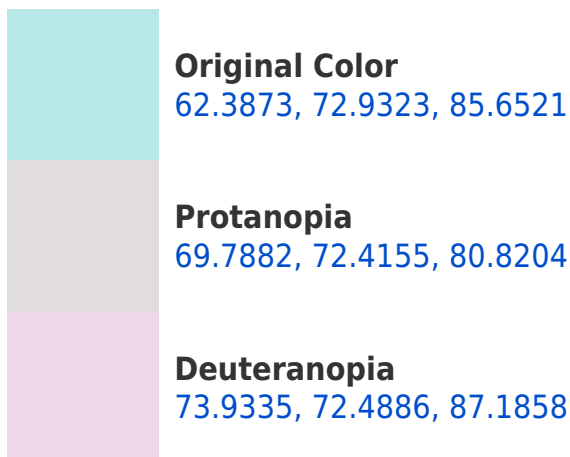


This preview shows how white text looks on a background with the XYZ color 62.3873, 72.9323,

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

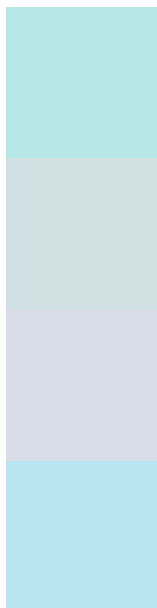




Tritanopia

64.7816, 72.6413, 98.6025

Trichromacy



Original Color

62.3873, 72.9323, 85.6521

Protanomaly

66.6776, 72.3576, 82.4036

Deuteranomaly

69.0372, 72.2908, 86.6588

Tritanomaly

63.9041, 72.7038, 93.8842

Monochromacy



Original Color

62.3873, 72.9323, 85.6521

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4829, 70.4956, 79.3156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3873, 72.9323, 85.6521 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(183, 231, 230)` looks like.

```
.text, #text, p{  
    color:rgb(183, 231, 230)  
}
```

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(183, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 231, 230) }
```

Border

The CSS property to change the border of an element to XYZ 62.3873, 72.9323, 85.6521 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(183, 231, 230) }
```


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

```
.border{ border-color:rgb(183, 231, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 231, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 231, 230);  
box-shadow:4px 4px 4px 4px rgb(183, 231,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3873, 72.9323, 85.6521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 231, 230) }
```

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

```
.background{ background-color: rgb(183,  
231, 230) }
```

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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