

Converting Colors

XYZ(62.4373, 73.7447, 88.0342)

Have a look what the booklet for
XYZ(62.4373, 73.7447, 88.0342)
contains.

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Color

**XYZ(62.4373, 73.7447,
88.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E9E9
RGB	179, 233, 233
RGB Percent	70%, 91%, 91%
CMY	0.2980, 0.0863, 0.0863
CMYK	0.23, 0.00, 0.00, 0.09
HSL	180°, 55%, 81%
HSV	180°, 23%, 91%
XYZ	62.4373, 73.7447, 88.0342
YIQ	216.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

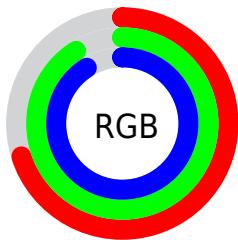
Format	Color
R _Y B	179, 206, 233
Decimal	11790825
CIE Lab	88.80, -17.08, -5.63
CIE LCh	89, 17.986, 198.235
Yxy	73.7447, 0.2785, 0.3289
Android (android.graphics.Color)	4289980905 (0xFFB3E9E9)
YUV	216.8540, 7.9600, -33.1980
Hunter-Lab	85.8747, -20.4980, -0.6686

Details

The XYZ color **62.4373, 73.7447, 88.0342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.8636, 52.8206, 49.7964**, and the grayscale version is **65.8181, 69.2457, 75.4086**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **32.1154, 38.9786, 47.4259** is the 20% darker color. If you saturate the color by 10%, you get **57.5010, 71.2019, 87.8038**, and if you desaturate by 10%, it is **68.2878, 76.7626, 88.3105**.

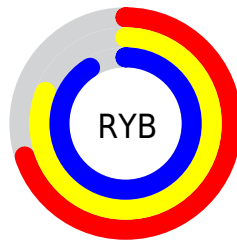
Distribution



Red (70%)

Green (91%)

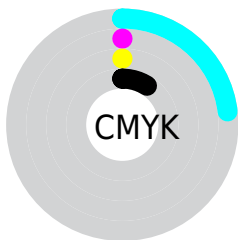
Blue (91%)



Red (70%)

Yellow (81%)

Blue (91%)

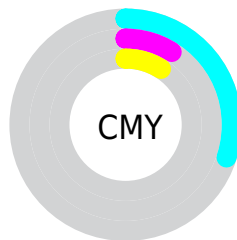


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4373, 73.7447, 88.0342 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 62.4373, 73.7447, 88.0342 by changing the saturation by 10% instead.

62.4373, 73.7447,
88.0342

62.4373, 73.7447,
88.0342

423.2166,
473.5918, 542.0194

45.6431, 54.5851,
65.7869

107.4437,
124.5338, 146.5163

32.1677, 39.0696,
47.6440

136.3865,
156.9322, 183.5882

21.6458, 26.8139,
33.1871

170.1097,
194.5122, 226.4387

13.7120, 17.4335,
21.9975

208.9784,
237.6583, 275.4864

8.0010, 10.5441,
13.6568

253.3581,
286.7550, 331.1498

4.1474, 5.7611,
7.7463

303.6142,

1.7859, 2.7004,

342.1865, 393.8474

3.8476

360.1119,
404.3373, 463.9977

■ 0.5091, 0.9774,
1.5421

■ 0.0000, 0.0000,
0.2490

■ 62.4373, 73.7447,
88.0342

■ 62.4373, 73.7447,
88.0342

■ 57.5010, 71.2019,
87.8038

■ 68.2878, 76.7626,
88.3105

■ 53.4267, 69.1015,
87.6123

■ 75.0886, 80.2686,
88.6297

■ 50.1670, 67.4211,
87.4588

■ 82.8817, 84.2860,
88.9953

■ 47.6672, 66.1324,
87.3409

■ 85.0891, 85.4239,
89.0995

45.8657, 65.2037,
87.2557

85.0893, 85.4240,
89.1004

44.6917, 64.5985,
87.1998

85.0895, 85.4241,
89.1013

44.0592, 64.2725,
87.1693

85.0896, 85.4242,
89.1023

43.8471, 64.1631,
87.1588

85.0898, 85.4242,
89.1032

85.0900, 85.4243,
89.1041

Harmonies

Analogous

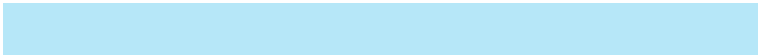
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.2112, 73.7447, 75.5049



62.4373, 73.7447, 88.0342



64.6622, 73.7447, 99.5401

Triad

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



62.4373, 73.7447, 88.0342



76.5240, 73.7447, 97.3485



71.8132, 73.7447, 59.0351

Complementary

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



62.4373, 73.7447, 88.0342



57.8636, 52.8206, 49.7964

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.



75.8179, 73.7447, 63.7063



62.4373, 73.7447, 88.0342



78.6120, 73.7447, 85.2844

Square

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



62.4373, 73.7447, 88.0342



72.7446, 73.7447, 105.2894



78.3483, 73.7447, 73.0240



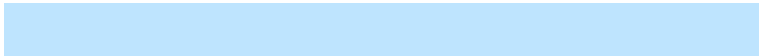
67.5049, 73.7447, 59.6074

Rectangle

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



62.4373, 73.7447, 88.0342



67.0333, 73.7447, 104.6852



78.3483, 73.7447, 73.0240



73.2426, 73.7447, 60.0226

Sweetspot

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



62.4394, 73.7477, 88.0359



88.7850, 96.7703, 108.6060



56.0769, 71.2268, 53.4419



18.8940, 20.6563, 23.2410



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.



62.4394, 73.7477, 88.0359



73.4809, 88.8808, 107.8874



55.5891, 60.0465, 85.7544



15.5177, 17.1219, 19.4090



24.8787, 36.4059, 49.4537



1.9536, 2.8587, 3.8834

Inverse Universe

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



57.8636, 52.8206, 49.7964



66.9077, 58.8191, 52.9567



63.5988, 64.2914, 51.7067



15.0656, 15.0541, 15.6306



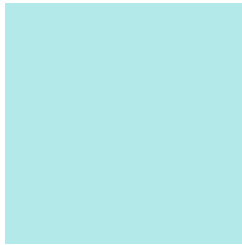
19.0678, 9.8298, 0.8926



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 62.4373, 73.7447, 88.0342 looks on a white background.

Color Contrast Check

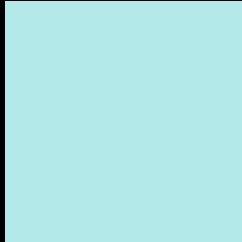
Large Text (above 18pt) WCAG AA × Fail

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 62.4373, 73.7447, 88.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

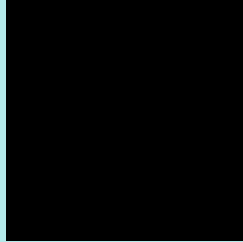
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4373, 73.7447, 88.0342

Background



This preview shows how black text looks on a background with the XYZ color 62.4373, 73.7447, 88.0342.

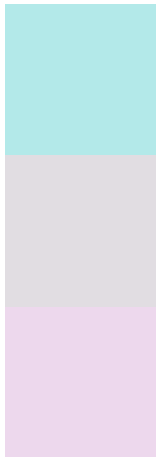


This preview shows how white text looks on a background with the XYZ color 62.4373, 73.7447,

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

62.4373, 73.7447, 88.0342

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

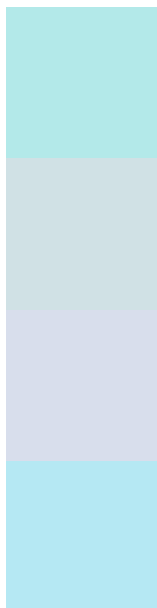
74.7670, 73.2307, 90.3151



Tritanopia

64.9662, 73.9365, 100.4696

Trichromacy



Original Color

62.4373, 73.7447, 88.0342

Protanomaly

67.0805, 72.9175, 84.6677

Deuteranomaly

69.5805, 72.8976, 89.7602

Tritanomaly

64.0903, 74.0080, 95.7011

Monochromacy



Original Color

62.4373, 73.7447, 88.0342

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3356, 70.7996, 80.0869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4373, 73.7447, 88.0342 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(179, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(179, 233, 233)  
}
```

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(179, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.4373, 73.7447, 88.0342 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(179, 233, 233) }
```


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

```
.border{ border-color:rgb(179, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(179, 233,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4373, 73.7447, 88.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 233, 233) }
```

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

```
.background{ background-color: rgb(179,  
233, 233) }
```

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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