

Converting Colors

XYZ(62.2999, 73.6783, 88.0145)

Have a look what the booklet for
XYZ(62.2999, 73.6783, 88.0145)
contains.

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Color

**XYZ(62.2070, 73.6260,
88.0234)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E9E9
RGB	178, 233, 233
RGB Percent	70%, 91%, 91%
CMY	0.3019, 0.0863, 0.0863
CMYK	0.24, 0.00, 0.00, 0.09
HSL	180°, 56%, 81%
HSV	180°, 24%, 91%
XYZ	62.2070, 73.6260, 88.0234
YIQ	216.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

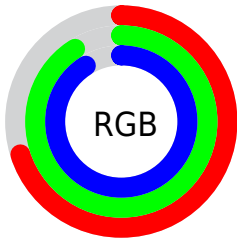
Format	Color
R _Y B	178, 206, 233
Decimal	11725289
CIE Lab	88.75, -17.38, -5.72
CIE LCh	89, 18.292, 198.214
Yxy	73.6260, 0.2779, 0.3289
Android (android.graphics.Color)	4289915369 (0xFFB2E9E9)
YUV	216.5550, 8.1074, -33.8127
Hunter-Lab	85.8056, -20.7516, -0.7585

Details

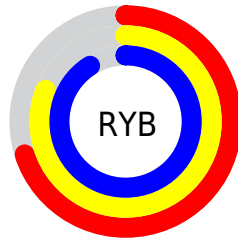
The XYZ color **62.2070, 73.6260, 88.0234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5631, 52.3809, 49.1991**, and the grayscale version is **65.6130, 69.0300, 75.1736**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **31.9701, 38.9037, 47.4191** is the 20% darker color. If you saturate the color by 10%, you get **57.3087, 71.1028, 87.7948**, and if you desaturate by 10%, it is **68.0176, 76.6233, 88.2978**.

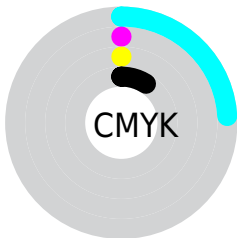
Distribution



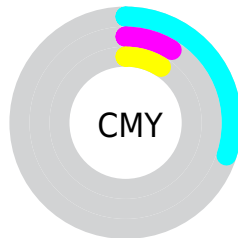
- Red (70%)
- Green (91%)
- Blue (91%)



- Red (70%)
- Yellow (81%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)





- Cyan (30%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2070, 73.6260, 88.0234 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 62.2070, 73.6260, 88.0234 by changing the saturation by 10% instead.


 62.2070, 73.6260,
88.0234

 62.2070, 73.6260,
88.0234

422.3913,
473.1816, 541.9832

 45.4562, 54.4880,
65.7780


 107.1129,
124.3655, 146.5012

 32.0197, 38.9919,
47.6369


135.9987,
156.7358, 183.5706

 21.5322, 26.7535,
33.1815


169.6603,
194.2856, 226.4185

 13.6282, 17.3881,
21.9932

208.4629,
237.3993, 275.4633

 7.9425, 10.5116,
13.6537

252.7720,
286.4614, 331.1237

 4.1097, 5.7395,
7.7442

302.9528,

 1.7644, 2.6873,

341.8562, 393.8181

3.8463

359.3708,
403.9681, 463.9650

0.4961, 0.9708,
1.5414

0.0000, 0.0000,
0.2485

62.2070, 73.6260,
88.0234

62.2070, 73.6260,
88.0234

57.3087, 71.1028,
87.7948

68.0176, 76.6233,
88.2978

53.2705, 69.0210,
87.6049


74.7767, 80.1078,
88.6151


50.0446, 67.3580,
87.4530


82.5264, 84.1028,
88.9787


47.5760, 66.0854,
87.3366


85.0891, 85.4240,
89.0995


 45.8030, 65.1714,
87.2527


 85.0893, 85.4240,
89.1004


 44.6541, 64.5791,
87.1980


 85.0895, 85.4241,
89.1014

 44.0426, 64.2639,
87.1685

 85.0896, 85.4242,
89.1023

 43.8471, 64.1632,
87.1587

 85.0898, 85.4243,
89.1032

 85.0900, 85.4243,
89.1041

Harmonies

Analogous

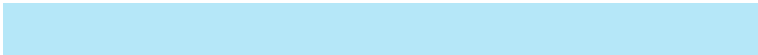
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.9791, 73.6260, 75.2929



62.2070, 73.6260, 88.0234



64.4633, 73.6260, 99.7352

Triad

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



62.2070, 73.6260, 88.0234



76.5147, 73.6260, 97.5179



71.7310, 73.6260, 58.6071

Complementary

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



62.2070, 73.6260, 88.0234



57.5631, 52.3809, 49.1991

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.



75.8013, 73.6260, 63.3406



62.2070, 73.6260, 88.0234



78.6399, 73.6260, 85.2454

Square

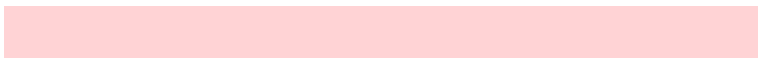
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.2070, 73.6260, 88.0234



72.6716, 73.6260, 105.6021



78.3735, 73.6260, 72.7911



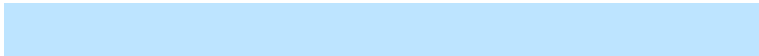
67.3544, 73.6260, 59.1826

Rectangle

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



62.2070, 73.6260, 88.0234



66.8698, 73.6260, 104.9791



78.3735, 73.6260, 72.7911



73.1837, 73.6260, 59.6079

Sweetspot

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



62.2091, 73.6290, 88.0251



88.7850, 96.7703, 108.6060



55.7482, 71.0690, 52.9004



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.



62.2091, 73.6290, 88.0251



73.4809, 88.8808, 107.8874



55.2420, 59.6940, 85.7047



15.5177, 17.1219, 19.4090



24.8787, 36.4059, 49.4536



1.9536, 2.8587, 3.8834

Inverse Universe

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



57.5631, 52.3809, 49.1991



66.9078, 58.8191, 52.9567



63.3746, 64.0042, 51.1348



15.0656, 15.0541, 15.6306



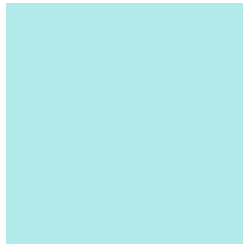
19.0678, 9.8298, 0.8926



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 62.2070, 73.6260, 88.0234 looks on a white background.

Color Contrast Check

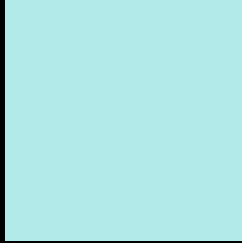
Large Text (above 18pt) WCAG AA × Fail

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 62.2070, 73.6260, 88.0234 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

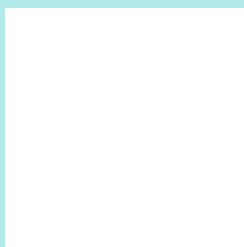
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2070, 73.6260, 88.0234

Background



This preview shows how black text looks on a background with the XYZ color 62.2070, 73.6260, 88.0234.

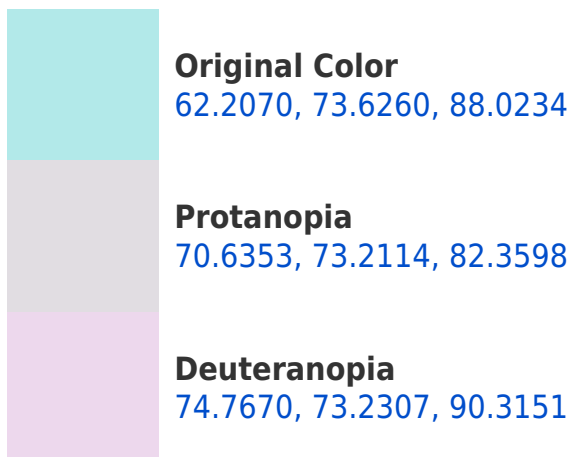


This preview shows how white text looks on a background with the XYZ color 62.2070, 73.6260,

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

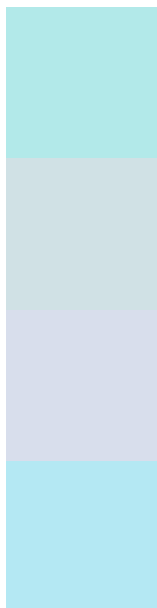




Tritanopia

64.7309, 73.8151, 100.4586

Trichromacy



Original Color

62.2070, 73.6260, 88.0234

Protanomaly

67.0805, 72.9175, 84.6677

Deuteranomaly

69.5805, 72.8976, 89.7602

Tritanomaly

63.8567, 73.8876, 95.6901

Monochromacy



Original Color

62.2070, 73.6260, 88.0234

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 62.2070, 73.6260, 88.0234 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(178, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.2070, 73.6260, 88.0234 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(178, 233, 233) }
```


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

```
.border{ border-color:rgb(178, 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(178, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(178, 233,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2070, 73.6260, 88.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 233, 233) }
```

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

```
.background{ background-color: rgb(178,  
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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