

Converting Colors

XYZ(62.1529, 75.7905, 88.1784)

Have a look what the booklet for
XYZ(62.1529, 75.7905, 88.1784)
contains.

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Color

**XYZ(62.0771, 75.6902,
88.4287)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEEE9
RGB	171, 238, 233
RGB Percent	67%, 93%, 91%
CMY	0.3294, 0.0666, 0.0863
CMYK	0.28, 0.00, 0.02, 0.07
HSL	176°, 66%, 80%
HSV	176°, 28%, 93%
XYZ	62.0771, 75.6902, 88.4287
YIQ	217.3970, -38.3270, -15.7590

Conversions

Conversions Part 2

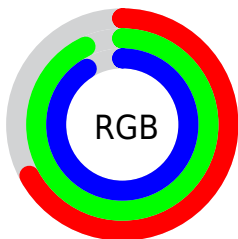
Format	Color
RYB	171, 206, 238
Decimal	11267817
CIELab	89.72, -21.86, -4.33
CIELCh	90, 22.283, 191.206
Yxy	75.6902, 0.2744, 0.3346
Android (android.graphics.Color)	4289457897 (0xFFABEEE9)
YUV	217.3970, 7.6923, -40.6902
Hunter-Lab	87.0001, -24.8853, 0.6365

Details

The XYZ color **62.0771, 75.6902, 88.4287** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.6619, 50.4396, 47.7739**, and the grayscale version is **66.1951, 69.6424, 75.8406**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **31.8662, 40.3432, 47.7025** is the 20% darker color. If you saturate the color by 10%, you get **57.1004, 73.1557, 86.8787**, and if you desaturate by 10%, it is **67.9942, 78.7130, 90.0393**.

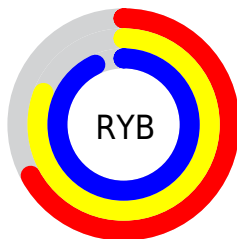
Distribution



Red (67%)

Green (93%)

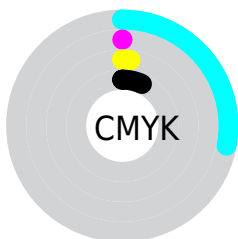
Blue (91%)



Red (67%)

Yellow (81%)

Blue (93%)

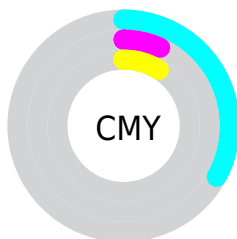


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0771, 75.6902, 88.4287 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 62.0771, 75.6902, 88.4287 by changing the saturation by 10% instead.

62.0771, 75.6902,
88.4287

62.0771, 75.6902,
88.4287

421.9253,
480.2865, 543.3438

45.3508, 56.1785,
66.1118

106.9263,
127.2889, 147.0702

31.9363, 40.3461,
47.9061

135.7799,
160.1447, 184.2320

21.4682, 27.8085,
33.3931

169.4066,
198.2173, 227.1790

13.5811, 18.1813,
22.1542

208.1719,
241.8911, 276.3300

7.9096, 11.0803,
13.7708

252.4411,
291.5506, 332.1034

4.0885, 6.1208,
7.8245

302.5795,

1.7523, 2.9187,

347.5800, 394.9179

3.8967

358.9524,
410.3639, 465.1918

■ 0.4887, 1.0894,
1.5688

■ 0.0000, 0.0000,
0.2684

■ 62.0771, 75.6902,
88.4287

■ 62.0771, 75.6902,
88.4287

■ 57.1004, 73.1557,
86.8787

■ 67.9942, 78.7130,
90.0393

■ 53.0073, 71.0746,
85.3818


■ 74.8914, 82.2389,
91.7075


■ 49.7453, 69.4215,
83.9370


■ 82.8143, 86.2932,
93.4372


■ 47.2534, 68.1652,
82.5415


■ 87.5604, 88.7095,
95.0316


 45.4624, 67.2699,
81.1919


 87.8259, 88.8158,
96.4299


 44.2906, 66.6936,
79.8845


 88.0941, 88.9230,
97.8418

 43.6238, 66.3772,
78.6139

 88.3648, 89.0313,
99.2674

 43.5251, 66.3314,
78.3816

 88.6381, 89.1406,
100.7068

 88.9141, 89.2510,
102.1599

Harmonies

Analogous

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



62.4053, 75.6902, 73.0546



62.0771, 75.6902, 88.4287



64.2895, 75.6902, 103.9726

Triad

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



62.0771, 75.6902, 88.4287



79.1204, 75.6902, 107.3098



75.3952, 75.6902, 56.9831

Complementary

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



62.0771, 75.6902, 88.4287



57.6619, 50.4396, 47.7739

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.



80.1772, 75.6902, 64.0622



62.0771, 75.6902, 88.4287



82.4023, 75.6902, 92.5399

Square

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



62.0771, 75.6902, 88.4287



74.0119, 75.6902, 115.7613



82.7987, 75.6902, 76.6780



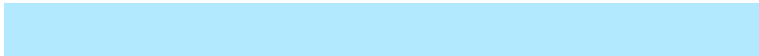
69.9096, 75.6902, 56.1775

Rectangle

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



62.0771, 75.6902, 88.4287



66.9766, 75.6902, 111.8420



82.7987, 75.6902, 76.6780



77.1454, 75.6902, 58.6614

Sweetspot

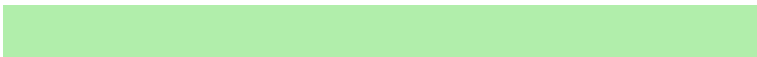
The Sweet Spot groups the original color and five complimentary colors.



62.0793, 75.6933, 88.4304



87.6947, 96.2364, 107.2807



55.9642, 73.3907, 49.7457



18.4929, 20.4567, 22.8984



0.0000, 0.0000, 0.0000



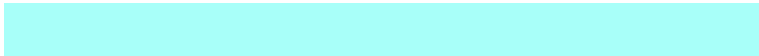
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0793, 75.6933, 88.4304



68.9975, 86.6878, 102.3316



55.2966, 60.9678, 89.7459



16.1935, 17.9074, 20.0416



24.3029, 37.0132, 43.8396



2.0369, 3.0852, 3.7265

Inverse Universe

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



57.6619, 50.4396, 47.7739



63.0137, 52.4624, 47.2460



63.0175, 61.9285, 47.1615



15.8207, 15.7780, 16.6119



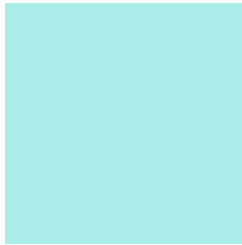
19.7488, 10.1719, 1.3277



1.6594, 0.8528, 0.1974

Previews

White Background



This preview shows how the XYZ color 62.0771, 75.6902, 88.4287 looks on a white background.

Color Contrast Check

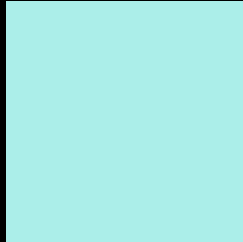
Large Text (above 18pt) WCAG AA × Fail

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 62.0771, 75.6902, 88.4287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

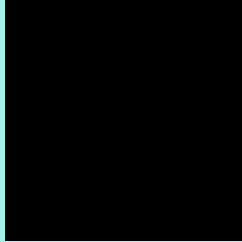
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

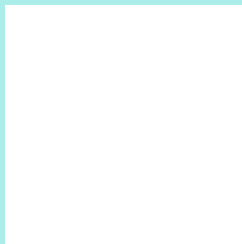
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0771, 75.6902, 88.4287

Background



This preview shows how black text looks on a background with the XYZ color 62.0771, 75.6902, 88.4287.

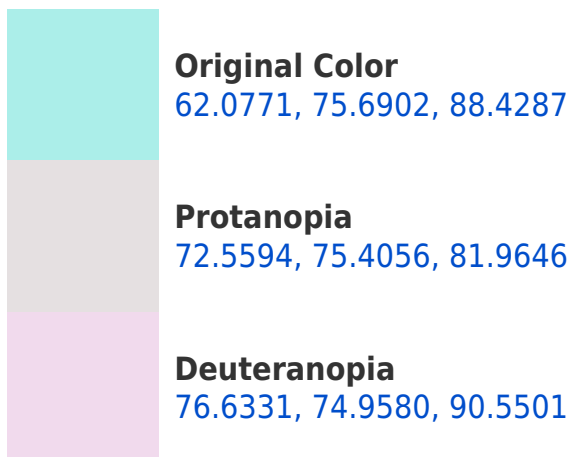


This preview shows how white text looks on a background with the XYZ color 62.0771, 75.6902,

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

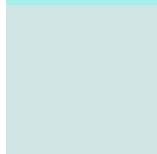
65.5022, 75.8025, 104.9449

Trichromacy



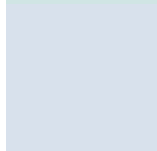
Original Color

62.0771, 75.6902, 88.4287



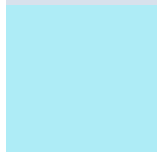
Protanomaly

68.0353, 75.0500, 84.2990



Deuteranomaly

70.3844, 74.5055, 90.0282



Tritanomaly

64.0856, 75.6434, 98.4117

Monochromacy



Original Color

62.0771, 75.6902, 88.4287



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

64.0639, 71.4575, 80.2282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0771, 75.6902, 88.4287 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(171, 238, 233)` looks like.

```
.text, #text, p{  
    color:rgb(171, 238, 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(171, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 238, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.0771, 75.6902, 88.4287 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(171, 238, 233) }
```


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

```
.border{ border-color:rgb(171, 238, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 238, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 238, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 238, 233);  
box-shadow:4px 4px 4px 4px rgb(171, 238,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0771, 75.6902, 88.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 238, 233) }
```

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

```
.background{ background-color: rgb(171,  
238, 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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