

Converting Colors

XYZ(62.5507, 75.1075, 86.8017)

Have a look what the booklet for
XYZ(62.5507, 75.1075, 86.8017)
contains.

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Color

**XYZ(62.5507, 75.1075,
86.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ECE7
RGB	177, 236, 231
RGB Percent	69%, 93%, 91%
CMY	0.3059, 0.0745, 0.0941
CMYK	0.25, 0.00, 0.02, 0.07
HSL	175°, 61%, 81%
HSV	175°, 25%, 93%
XYZ	62.5507, 75.1075, 86.8017
YIQ	217.7890, -33.5590, -14.0630

Conversions

Conversions Part 2

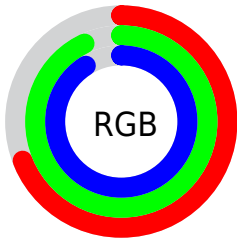
Format	Color
RYB	177, 208, 236
Decimal	11660519
CIELab	89.44, -19.59, -3.65
CIELCh	89, 19.922, 190.551
Yxy	75.1075, 0.2787, 0.3346
Android (android.graphics.Color)	4289850599 (0xFFB1ECE7)
YUV	217.7890, 6.5130, -35.7720
Hunter-Lab	86.6646, -22.8295, 1.2814

Details

The XYZ color **62.5507, 75.1075, 86.8017** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.7603, 52.6566, 51.3258**, and the grayscale version is **66.4701, 69.9317, 76.1556**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **32.2275, 39.9486, 46.5697** is the 20% darker color. If you saturate the color by 10%, you get **57.3526, 72.4622, 85.0929**, and if you desaturate by 10%, it is **68.6860, 78.2394, 88.5744**.

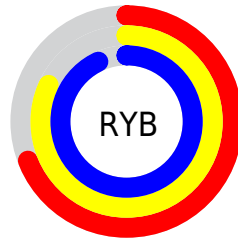
Distribution



Red (69%)

Green (93%)

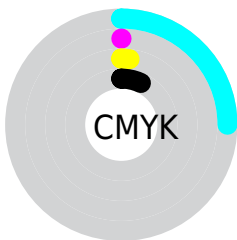
Blue (91%)



Red (69%)

Yellow (82%)

Blue (93%)

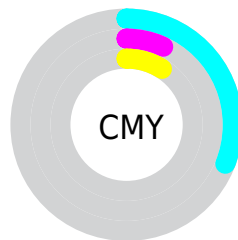


Cyan (25%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (31%)


Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5507, 75.1075, 86.8017 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 62.5507, 75.1075, 86.8017 by changing the saturation by 10% instead.


 62.5507, 75.1075,
86.8017

 62.5507, 75.1075,
86.8017


423.6227,
478.2870, 537.8703

 45.7351, 55.7010,
64.7724


 107.6065,
126.4645, 144.7841

 32.2406, 39.9632,
46.8264


136.5774,
159.1838, 181.5744

 21.7018, 27.5099,
32.5451


170.3308,
197.1094, 224.1220

 13.7533, 17.9565,
21.5099

209.2321,
240.6258, 272.8456

 8.0298, 10.9188,
13.3024

253.6466,
290.1174, 328.1637

 4.1660, 6.0122,
7.5039

303.9396,

 1.7965, 2.8525,

345.9685, 390.4948

3.6960

360.4765,
408.5636, 460.2575

■ 0.5155, 1.0552,
1.4601

■ 0.0000, 0.0000,
0.1879

■ 62.5507, 75.1075,
86.8017

■ 62.5507, 75.1075,
86.8017

■ 57.3526, 72.4622,
85.0929

■ 68.6860, 78.2394,
88.5744

■ 53.0373, 70.2697,
83.4406


■ 75.7963, 81.8717,
90.4081


■ 49.5549, 68.5062,
81.8441


■ 83.9255, 86.0289,
92.3065


■ 46.8478, 67.1420,
80.3005


■ 86.8177, 87.4859,
93.9768


 44.8510, 66.1436,
78.8069


 87.1150, 87.6048,
95.5428


 43.4890, 65.4721,
77.3595


 87.4157, 87.7251,
97.1261

 42.6691, 65.0797,
75.9540

 87.7197, 87.8467,
98.7267

 42.3905, 64.9510,
75.2637

 88.0269, 87.9696,
100.3447

 88.3375, 88.0938,
101.9802

Harmonies

Analogous

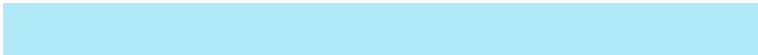
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.8965, 75.1075, 73.1502



62.5507, 75.1075, 86.8017



64.4895, 75.1075, 100.5326

Triad

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



62.5507, 75.1075, 86.8017



77.6660, 75.1075, 103.9552



74.5590, 75.1075, 58.9578

Complementary

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



62.5507, 75.1075, 86.8017



58.7603, 52.6566, 51.3258

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.



78.7604, 75.1075, 65.5164



62.5507, 75.1075, 86.8017



80.6101, 75.1075, 91.0616

Square

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



62.5507, 75.1075, 86.8017



73.1202, 75.1075, 111.1592



81.0195, 75.1075, 76.9545



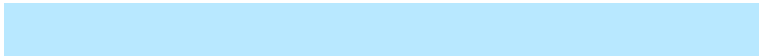
69.6822, 75.1075, 58.0941

Rectangle

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



62.5507, 75.1075, 86.8017



66.8709, 75.1075, 107.4956



81.0195, 75.1075, 76.9545



76.1029, 75.1075, 60.5310

Sweetspot

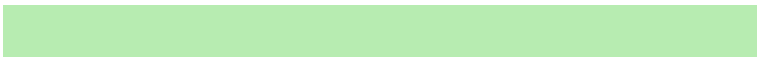
The Sweet Spot groups the original color and five complimentary colors.



62.5529, 75.1106, 86.8034



87.6617, 96.2232, 107.1071



57.4382, 73.2233, 52.7026



18.4845, 20.4533, 22.8543



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.



62.5529, 75.1106, 86.8034



71.2581, 87.8535, 102.4268



56.9176, 62.6929, 88.4614



15.4594, 17.0986, 19.1018



23.3893, 35.8102, 41.6108



1.8529, 2.8185, 3.3531

Inverse Universe

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



58.7603, 52.6566, 51.3258



66.0156, 56.8023, 53.3761



63.3240, 62.5967, 50.3412



15.1173, 15.0748, 15.9031



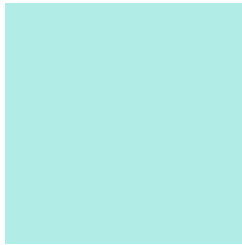
19.1565, 9.8653, 1.3597



1.5222, 0.7818, 0.2011

Previews

White Background



This preview shows how the XYZ color 62.5507, 75.1075, 86.8017 looks on a white background.

Color Contrast Check

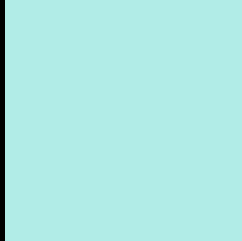
Large Text (above 18pt) WCAG AA × Fail

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 62.5507, 75.1075, 86.8017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

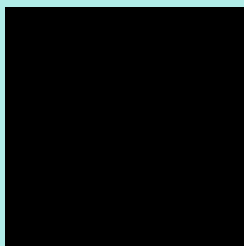
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

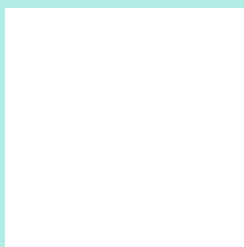
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5507, 75.1075, 86.8017

Background



This preview shows how black text looks on a background with the XYZ color 62.5507, 75.1075, 86.8017.

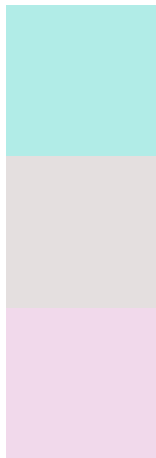


This preview shows how white text looks on a background with the XYZ color 62.5507, 75.1075,

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

62.5507, 75.1075, 86.8017

Protanopia

71.7019, 74.5970, 80.4316

Deuteranopia

76.0839, 74.3246, 88.9333



Tritanopia

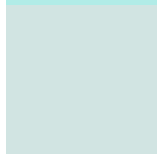
65.7657, 75.1299, 103.1308

Trichromacy



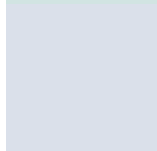
Original Color

62.5507, 75.1075, 86.8017



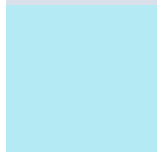
Protanomaly

67.7654, 74.5331, 82.7662



Deuteranomaly

70.4204, 74.1572, 88.4441



Tritanomaly

64.5743, 75.0806, 96.6765

Monochromacy



Original Color

62.5507, 75.1075, 86.8017



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.8731, 71.8747, 80.2661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5507, 75.1075, 86.8017 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(177, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 236, 231)  
}
```

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(177, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 236, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.5507, 75.1075, 86.8017 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(177, 236, 231) }
```


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

```
.border{ border-color:rgb(177, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 236,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5507, 75.1075, 86.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 236, 231) }
```

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

```
.background{ background-color: rgb(177,  
236, 231) }
```

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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