

Converting Colors

XYZ(62.0518, 75.9143, 77.7121)

Have a look what the booklet for
XYZ(62.0518, 75.9143, 77.7121)
contains.

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Color

**XYZ(62.0518, 75.9143,
77.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	B4EEDA
RGB	180, 238, 218
RGB Percent	71%, 93%, 85%
CMY	0.2941, 0.0666, 0.1451
CMYK	0.24, 0.00, 0.08, 0.07
HSL	159°, 63%, 82%
HSV	159°, 24%, 93%
XYZ	62.0518, 75.9143, 77.7121
YIQ	218.3780, -28.1480, -18.5160

Conversions

Conversions Part 2

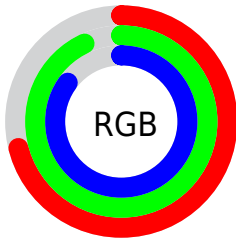
Format	Color
RYB	180, 215, 238
Decimal	11857626
CIELab	89.82, -22.37, 3.71
CIElCh	90, 22.672, 170.572
Yxy	75.9143, 0.2877, 0.3520
Android (android.graphics.Color)	4290047706 (0xFFB4EEDA)
YUV	218.3780, -0.1864, -33.6575
Hunter-Lab	87.1288, -25.3505, 8.1081

Details

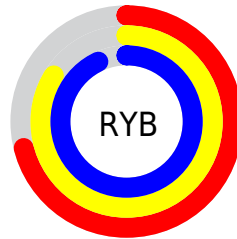
The XYZ color **62.0518, 75.9143, 77.7121** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0091, 54.9917, 61.9930**, and the grayscale version is **66.9183, 70.4033, 76.6692**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.9430, 40.5359, 40.7910** is the 20% darker color. If you saturate the color by 10%, you get **55.9325, 72.8828, 71.9580**, and if you desaturate by 10%, it is **69.1800, 79.4638, 83.7943**.

Distribution



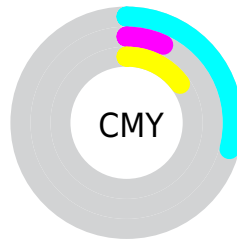
- Red (71%)
- Green (93%)
- Blue (85%)



- Red (71%)
- Yellow (84%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (29%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0518, 75.9143, 77.7121 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 62.0518, 75.9143, 77.7121 by changing the saturation by 10% instead.


 62.0518, 75.9143,
77.7121

 62.0518, 75.9143,
77.7121


421.8346,
481.0543, 506.6905

 45.3303, 56.3622,
57.3225


 106.8899,
127.6058, 131.9264

 31.9201, 40.4934,
40.8531


135.7372,
160.5139, 166.5881

 21.4557, 27.9235,
27.8855


169.3572,
198.6430, 206.8442

 13.5719, 18.2680,
18.0011

208.1152,
242.3772, 253.1134

 7.9032, 11.1426,
10.7813

252.3766,
292.1011, 305.8140

 4.0844, 6.1628,
5.8077

302.5067,

 1.7500, 2.9443,

348.1989, 365.3647

2.6616

358.8709,
411.0552, 432.1841

■ 0.4872, 1.1027,
0.9240

■ 0.0000, 0.0000,
0.0000

■ 62.0518, 75.9143,
77.7121

■ 62.0518, 75.9143,
77.7121

■ 55.9325, 72.8828,
71.9580

■ 69.1800, 79.4638,
83.7943

■ 50.7662, 70.3344,
66.5206

■ 77.3564, 83.5455,
90.2056

■ 46.5015, 68.2449,
61.3951

■ 86.6263, 88.1846,
96.9534

■ 43.0790, 66.5838,
56.5746

■ 89.2022, 89.3664,
103.6772

■ 40.4324, 65.3167,
52.0516

■ 89.8659, 89.6318,
107.1720

■ 38.4844, 64.4042,
47.8182

■ 37.1409, 63.7977,
43.8655

■ 36.5704, 63.5496,
41.7583

Harmonies

Analogous

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



64.1582, 75.9143, 64.5908



62.0518, 75.9143, 77.7121



62.5422, 75.9143, 93.9655

Triad

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



62.0518, 75.9143, 77.7121



76.0015, 75.9143, 114.9946



79.2059, 75.9143, 61.0670

Complementary

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



62.0518, 75.9143, 77.7121



62.0091, 54.9917, 61.9930

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.



82.7040, 75.9143, 72.2957



62.0518, 75.9143, 77.7121



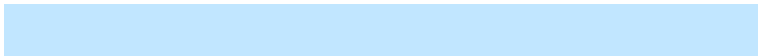
80.7886, 75.9143, 103.8140

Square

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



62.0518, 75.9143, 77.7121



70.4061, 75.9143, 116.9356



83.2977, 75.9143, 87.8089



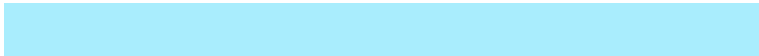
73.9312, 75.9143, 55.8331

Rectangle

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



62.0518, 75.9143, 77.7121



64.2860, 75.9143, 104.3637



83.2977, 75.9143, 87.8089



80.6397, 75.9143, 64.1917

Sweetspot

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



62.0539, 75.9174, 77.7138



87.8097, 96.3802, 103.4703



62.7148, 76.7683, 54.6935



18.6676, 20.5657, 22.0486



0.0000, 0.0000, 0.0000



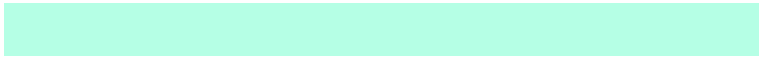
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0539, 75.9174, 77.7138



69.0402, 87.0348, 87.6539



62.3598, 72.0841, 91.5195



16.0023, 17.8309, 19.0351



20.4649, 35.4780, 23.6288



1.7491, 2.9701, 2.2111

Inverse Universe

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



62.0091, 54.9917, 61.9930



68.9819, 58.8112, 66.4611



61.6336, 57.7407, 51.0778



15.9978, 15.8488, 17.5447



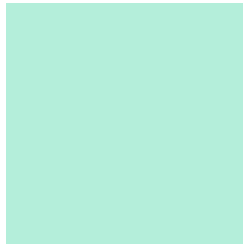
20.5776, 10.5035, 5.6920



1.7570, 0.8918, 0.7113

Previews

White Background



This preview shows how the XYZ color 62.0518, 75.9143, 77.7121 looks on a white background.

Color Contrast Check

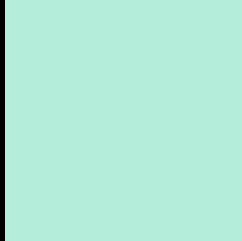
Large Text (above 18pt) WCAG AA × Fail

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 62.0518, 75.9143, 77.7121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

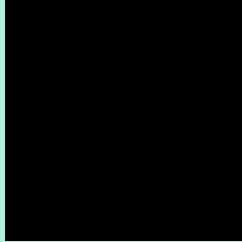
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

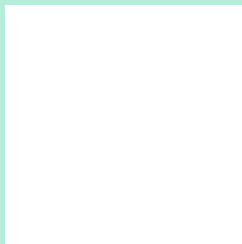
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0518, 75.9143, 77.7121

Background



This preview shows how black text looks on a background with the XYZ color 62.0518, 75.9143, 77.7121.

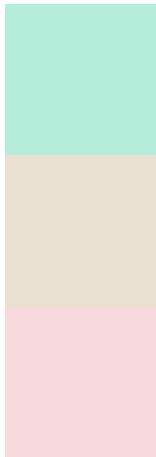


This preview shows how white text looks on a background with the XYZ color 62.0518, 75.9143,

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

62.0518, 75.9143, 77.7121

Protanopia

71.8928, 75.2881, 71.7157

Deuteranopia

76.9676, 75.3732, 79.5991



Tritanopia

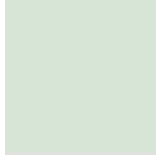
67.2031, 75.8709, 103.1980

Trichromacy



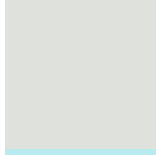
Original Color

62.0518, 75.9143, 77.7121



Protanomaly

67.7611, 75.1389, 73.8826



Deuteranomaly

70.4078, 74.7589, 79.1256



Tritanomaly

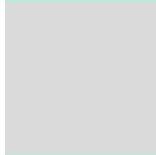
65.2037, 75.8983, 93.6513

Monochromacy



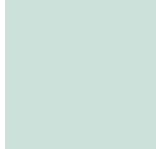
Original Color

62.0518, 75.9143, 77.7121



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.4819, 71.7498, 76.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0518, 75.9143, 77.7121 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(180, 238, 218)` looks like.

```
.text, #text, p{  
    color:rgb(180, 238, 218)  
}
```

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(180, 238, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 238, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.0518, 75.9143, 77.7121 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(180, 238, 218) }
```


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

```
.border{ border-color:rgb(180, 238, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 238, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 238, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 238, 218);  
box-shadow:4px 4px 4px 4px rgb(180, 238,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0518, 75.9143, 77.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 238, 218) }
```

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

```
.background{ background-color: rgb(180,  
238, 218) }
```

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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