

Converting Colors

XYZ(62.0407, 72.1002, 77.6647)

Have a look what the booklet for
XYZ(62.0407, 72.1002, 77.6647)
contains.

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Color

**XYZ(62.0407, 72.1002,
77.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE5DB
RGB	190, 229, 219
RGB Percent	75%, 90%, 86%
CMY	0.2549, 0.1019, 0.1412
CMYK	0.17, 0.00, 0.04, 0.10
HSL	165°, 43%, 82%
HSV	165°, 17%, 90%
XYZ	62.0407, 72.1002, 77.6647
YIQ	216.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

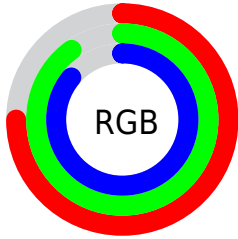
Format	Color
RYB	190, 212, 229
Decimal	12510683
CIELab	88.02, -14.62, 0.64
CIELCh	88, 14.636, 177.486
Yxy	72.1002, 0.2929, 0.3404
Android (android.graphics.Color)	4290700763 (0xFFBEE5DB)
YUV	216.1990, 1.3809, -22.9765
Hunter-Lab	84.9118, -18.1750, 5.2086

Details

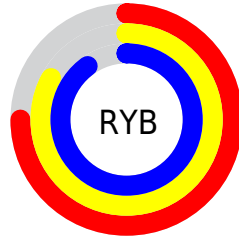
The XYZ color **62.0407, 72.1002, 77.6647** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.1544, 57.6570, 62.5524**, and the grayscale version is **65.4082, 68.8145, 74.9390**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.7978, 37.8017, 40.7425** is the 20% darker color. If you saturate the color by 10%, you get **56.0050, 69.0784, 73.4180**, and if you desaturate by 10%, it is **69.0065, 75.6022, 82.1004**.

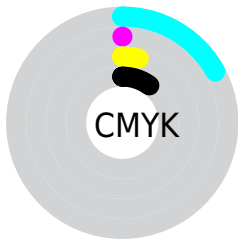
Distribution



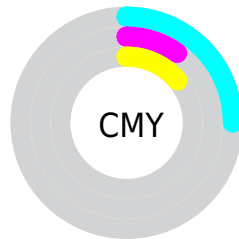
- Red (75%)
- Green (90%)
- Blue (86%)



- Red (75%)
- Yellow (83%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0407, 72.1002, 77.6647 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 62.0407, 72.1002, 77.6647 by changing the saturation by 10% instead.

62.0407, 72.1002,
77.6647

62.0407, 72.1002,
77.6647

421.7947,
467.8903, 506.5251

45.3213, 53.2405,
57.2838

106.8740,
122.1990, 131.8589

31.9129, 37.9948,
40.8222

135.7185,
154.2069, 166.5093

21.4502, 25.9787,
27.8616

169.3356,
191.3663, 206.7532

13.5678, 16.8077,
17.9832

208.0904,
234.0617, 253.0092

7.9004, 10.0975,
10.7686

252.3483,
282.6774, 305.6959

4.0825, 5.4636,
5.7992

302.4748,

1.7489, 2.5218,

337.5978, 365.2317

2.6566

358.8352,
399.2073, 432.0353

■ 0.4866, 0.8875,
0.9215

■ 0.0000, 0.0000,
0.0000

■ 62.0407, 72.1002,
77.6647

■ 62.0407, 72.1002,
77.6647

■ 56.0050, 69.0784,
73.4180

■ 69.0065, 75.6022,
82.1004

■ 50.8511, 66.5061,
69.3520


■ 76.9356, 79.5957,
86.7236


■ 46.5356, 64.3630,
65.4648


■ 84.4914, 83.3935,
91.4746

■ 43.0089, 62.6234,
61.7525


■ 85.3621, 83.7418,
96.0593


 40.2159, 61.2591,
58.2110


 86.2611, 84.1014,
100.7934


 38.0946, 60.2380,
54.8360

 87.1887, 84.4725,
105.6782

 36.5720, 59.5226,
51.6224

 87.3106, 84.5212,
106.3202

 35.5536, 59.0642,
48.5642

 35.3021, 58.9538,
47.6838

Harmonies

Analogous

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



63.0242, 72.1002, 68.6204



62.0407, 72.1002, 77.6647



62.7462, 72.1002, 87.7138

Triad

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



62.0407, 72.1002, 77.6647



71.6733, 72.1002, 96.8198



72.2000, 72.1002, 63.3871

Complementary

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



62.0407, 72.1002, 77.6647



61.1544, 57.6570, 62.5524

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.



74.6568, 72.1002, 69.9642



62.0407, 72.1002, 77.6647



74.3455, 72.1002, 89.2957

Square

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



62.0407, 72.1002, 77.6647



68.2351, 72.1002, 99.3146



75.4548, 72.1002, 79.3511



68.8239, 72.1002, 60.8262

Rectangle

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



62.0407, 72.1002, 77.6647



64.0932, 72.1002, 93.5415



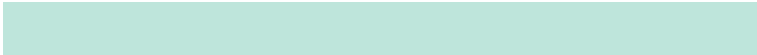
75.4548, 72.1002, 79.3511



73.1651, 72.1002, 65.1727

Sweetspot

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



62.0427, 72.1032, 77.6663



89.9917, 97.4527, 105.9385



61.2423, 72.0939, 59.4041



19.1152, 20.7850, 22.5872



0.0000, 0.0000, 0.0000



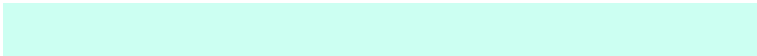
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0427, 72.1032, 77.6663



76.6768, 90.7634, 97.4192



60.9473, 67.7409, 83.9952



14.6413, 16.2699, 17.6417



20.2344, 33.7259, 27.5323



1.5324, 2.5071, 2.2301

Inverse Universe

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



61.1544, 57.6570, 62.5524



75.3677, 69.4596, 75.1349



62.0562, 61.2707, 57.2721



14.5279, 14.4284, 15.7144



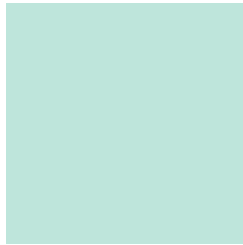
18.9639, 9.7198, 3.4387



1.4384, 0.7331, 0.4492

Previews

White Background



This preview shows how the XYZ color 62.0407, 72.1002, 77.6647 looks on a white background.

Color Contrast Check

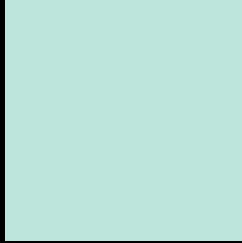
Large Text (above 18pt) WCAG AA × Fail

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 62.0407, 72.1002, 77.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

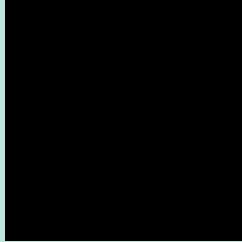
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

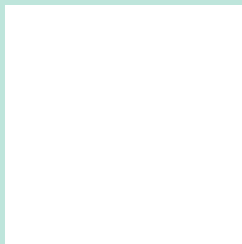
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0407, 72.1002, 77.6647

Background



This preview shows how black text looks on a background with the XYZ color 62.0407, 72.1002, 77.6647.

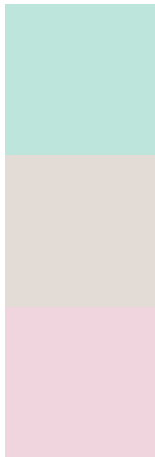


This preview shows how white text looks on a background with the XYZ color 62.0407, 72.1002,

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

62.0407, 72.1002, 77.6647

Protanopia

68.8331, 71.6868, 73.8274

Deuteranopia

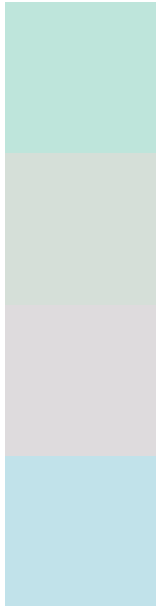
72.9142, 71.3877, 79.0434



Tritanopia

65.6086, 71.9236, 95.2187

Trichromacy



Original Color

62.0407, 72.1002, 77.6647

Protanomaly

66.2229, 71.8794, 75.3495

Deuteranomaly

68.5069, 71.4131, 78.5800

Tritanomaly

64.0400, 71.6707, 88.3005

Monochromacy



Original Color

62.0407, 72.1002, 77.6647

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.1130, 69.9881, 75.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0407, 72.1002, 77.6647 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(190, 229, 219)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 219)  
}
```

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(190, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 219) }
```

Border

The CSS property to change the border of an element to XYZ 62.0407, 72.1002, 77.6647 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(190, 229, 219) }
```


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

```
.border{ border-color:rgb(190, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0407, 72.1002, 77.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 219) }
```

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

```
.background{ background-color: rgb(190,  
229, 219) }
```

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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