

Converting Colors

XYZ(62.0396, 72.4282, 69.7759)

Have a look what the booklet for
XYZ(62.0396, 72.4282, 69.7759)
contains.

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Color

**XYZ(62.0467, 72.2794,
69.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E5CF
RGB	196, 229, 207
RGB Percent	77%, 90%, 81%
CMY	0.2314, 0.1019, 0.1882
CMYK	0.14, 0.00, 0.10, 0.10
HSL	140°, 39%, 83%
HSV	140°, 14%, 90%
XYZ	62.0467, 72.2794, 69.7126
YIQ	216.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

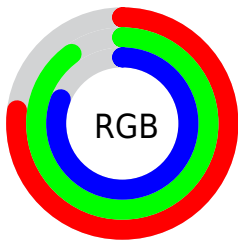
Format	Color
RYB	196, 221, 229
Decimal	12903887
CIELab	88.10, -14.98, 7.11
CIELCh	88, 16.581, 154.607
Yxy	72.2794, 0.3041, 0.3542
Android (android.graphics.Color)	4291093967 (0xFFC4E5CF)
YUV	216.6250, -4.7451, -18.0881
Hunter-Lab	85.0173, -18.5087, 10.8954

Details

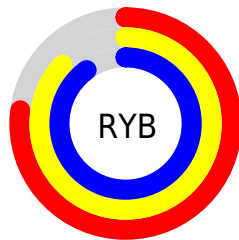
The XYZ color **62.0467, 72.2794, 69.7126** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.7104, 61.2015, 74.7353**, and the grayscale version is **65.7359, 69.1593, 75.3145**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.8487, 37.9378, 35.7811** is the 20% darker color. If you saturate the color by 10%, you get **54.7616, 68.7312, 60.0951**, and if you desaturate by 10%, it is **70.4255, 76.3747, 80.3266**.

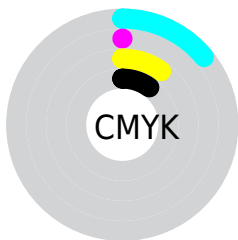
Distribution



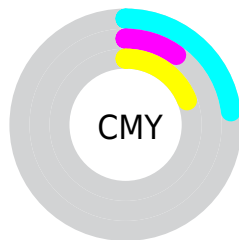
- Red (77%)
- Green (90%)
- Blue (81%)



- Red (77%)
- Yellow (87%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0467, 72.2794, 69.7126 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 62.0467, 72.2794, 69.7126 by changing the saturation by 10% instead.

■ 62.0467, 72.2794,
69.7126

■ 62.0467, 72.2794,
69.7126

421.8163,
468.5135, 478.3021

■ 45.3262, 53.3869,
50.8169

106.8826,
122.4537, 120.4761

■ 31.9168, 38.1118,
35.6872

135.7286,
154.5043, 153.1810

■ 21.4532, 26.0694,
23.9049

169.3473,
191.7098, 191.3260

■ 13.5700, 16.8756,
15.0516

208.1038,
234.4545, 235.3297

■ 7.9019, 10.1458,
8.7086

252.3636,
283.1228, 285.6106

■ 4.0835, 5.4958,
4.4574

302.4921,

■ 1.7495, 2.5410,

338.0991, 342.5873

1.8795

358.8545,
399.7679, 406.6783

■ 0.4870, 0.8971,
0.4796

■ 0.0000, 0.0000,
0.0000

■ 62.0467, 72.2794,
69.7126

■ 62.0467, 72.2794,
69.7126

■ 54.7616, 68.7312,
60.0951

■ 70.4255, 76.3747,
80.3266

■ 48.5180, 65.6976,
51.4405

■ 79.9355, 81.0296,
91.9599

■ 43.2684, 63.1568,
43.7203

■ 86.9592, 84.3808,
104.4691

■ 38.9591, 61.0816,
36.9028

■ 87.3107, 84.5214,
106.3202

■ 35.5309, 59.4425,
30.9544

■ 32.9180, 58.2060,
25.8394

■ 31.0443, 57.3337,
21.5196

■ 29.8179, 56.7792,
17.9534

■ 29.3367, 56.5678,
16.2702

Harmonies

Analogous

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



64.4644, 72.2794, 62.0788



62.0467, 72.2794, 69.7126



61.3846, 72.2794, 80.4647

Triad

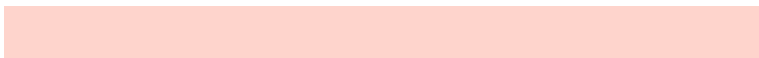
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.0467, 72.2794, 69.7126



69.3129, 72.2794, 102.5032



75.1601, 72.2794, 66.9515

Complementary

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



62.0467, 72.2794, 69.7126



64.7104, 61.2015, 74.7353

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.



76.5734, 72.2794, 76.9613



62.0467, 72.2794, 69.7126



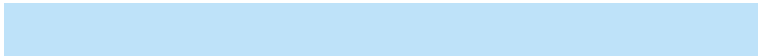
73.1160, 72.2794, 98.0511

Square

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



62.0467, 72.2794, 69.7126



65.4851, 72.2794, 100.0933



75.8114, 72.2794, 88.4284



72.0172, 72.2794, 60.5953

Rectangle

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



62.0467, 72.2794, 69.7126



62.0054, 72.2794, 88.1353



75.8114, 72.2794, 88.4284



75.8586, 72.2794, 69.9633

Sweetspot

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



62.0487, 72.2825, 69.7142



90.3207, 97.6862, 103.0644



67.0640, 75.0180, 63.1706



19.1476, 20.8185, 21.8302



0.0000, 0.0000, 0.0000



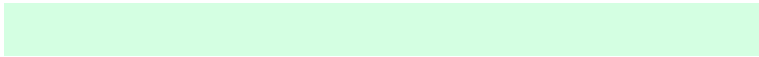
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0487, 72.2825, 69.7142



76.5516, 90.9615, 85.5453



64.0991, 73.1026, 80.5116



14.3865, 16.1680, 16.2999



16.8224, 32.3611, 9.5651



1.2850, 2.4081, 0.9274

Inverse Universe

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



64.7104, 61.2015, 74.7353



80.5063, 74.4962, 93.0040



62.7218, 60.4060, 64.2631



14.7802, 14.5293, 17.0428



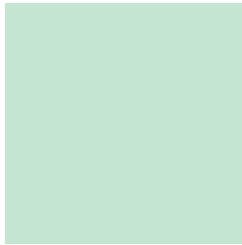
21.8051, 10.8562, 18.4003



1.6540, 0.8193, 1.5844

Previews

White Background



This preview shows how the XYZ color 62.0467, 72.2794, 69.7126 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 62.0467, 72.2794, 69.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

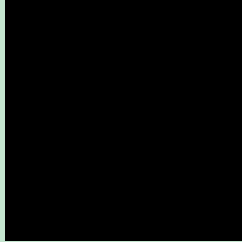
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

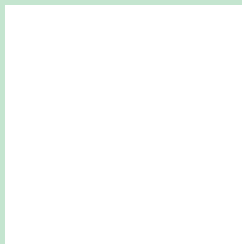
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0467, 72.2794, 69.7126

Background



This preview shows how black text looks on a background with the XYZ color 62.0467, 72.2794, 69.7126.



This preview shows how white text looks on a background with the XYZ color 62.0467, 72.2794,

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

62.0467, 72.2794, 69.7126

Protanopia

68.5670, 72.1087, 66.1816

Deuteranopia

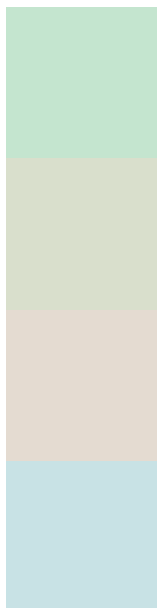
73.4331, 71.8345, 70.9679



Tritanopia

67.0398, 72.2787, 94.4222

Trichromacy



Original Color

62.0467, 72.2794, 69.7126

Protanomaly

65.9020, 71.8867, 67.5289

Deuteranomaly

68.8350, 71.7605, 70.5448

Tritanomaly

65.1586, 72.3292, 84.6554

Monochromacy



Original Color

62.0467, 72.2794, 69.7126

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.1612, 70.0723, 73.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0467, 72.2794, 69.7126 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(196, 229, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 229, 207)  
}
```

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(196, 229, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 229, 207) }
```

Border

The CSS property to change the border of an element to XYZ 62.0467, 72.2794, 69.7126 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(196, 229, 207) }
```


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

```
.border{ border-color:rgb(196, 229, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 229, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 229, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 229, 207); box-shadow:4px 4px 4px 4px rgb(196, 229, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0467, 72.2794, 69.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 229, 207) }
```

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

```
.background{ background-color: rgb(196,  
229, 207) }
```

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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