

Converting Colors

XYZ(62.7160, 72.8064, 69.3534)

Have a look what the booklet for
XYZ(62.7160, 72.8064, 69.3534)
contains.

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Color

**XYZ(62.4486, 72.5006,
69.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E5CE
RGB	198, 229, 206
RGB Percent	78%, 90%, 81%
CMY	0.2235, 0.1019, 0.1922
CMYK	0.14, 0.00, 0.10, 0.10
HSL	135°, 37%, 84%
HSV	135°, 14%, 90%
XYZ	62.4486, 72.5006, 69.0951
YIQ	217.1090, -11.0930, -13.7250

Conversions

Conversions Part 2

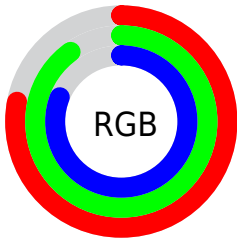
Format	Color
RYB	198, 223, 229
Decimal	13034958
CIELab	88.21, -14.50, 7.80
CIELCh	88, 16.468, 151.714
Yxy	72.5006, 0.3061, 0.3553
Android (android.graphics.Color)	4291225038 (0xFFC6E5CE)
YUV	217.1090, -5.4767, -16.7586
Hunter-Lab	85.1473, -18.0925, 11.4906

Details

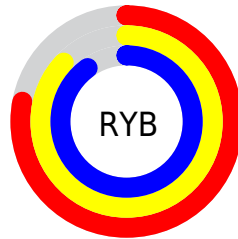
The XYZ color **62.4486, 72.5006, 69.0951** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5609, 62.2685, 76.9736**, and the grayscale version is **66.0715, 69.5124, 75.6990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1127, 38.0834, 35.3641** is the 20% darker color. If you saturate the color by 10%, you get **54.9090, 68.8416, 58.5438**, and if you desaturate by 10%, it is **71.1280, 76.7255, 80.8677**.

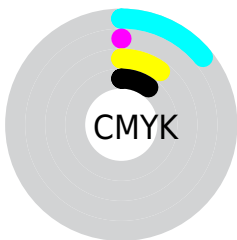
Distribution



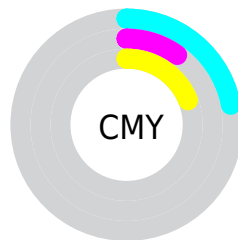
- Red (78%)
- Green (90%)
- Blue (81%)



- Red (78%)
- Yellow (87%)
- Blue (90%)



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



- Cyan (22%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4486, 72.5006, 69.0951 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 62.4486, 72.5006, 69.0951 by changing the saturation by 10% instead.

62.4486, 72.5006,
69.0951

62.4486, 72.5006,
69.0951

423.2571,
469.2821, 476.0693

45.6522, 53.5677,
50.3169

107.4599,
122.7680, 119.5864

32.1750, 38.2562,
35.2923

136.4056,
154.8713, 152.1366

21.6514, 26.1816,
23.6028

170.1317,
192.1335, 190.1145

13.7161, 16.9595,
14.8298

209.0037,
234.9390, 233.9387

8.0039, 10.2056,
8.5547

253.3869,
283.6722, 284.0278

4.1492, 5.5355,
4.3591


303.6466,

1.7869, 2.5648,


338.7176, 340.8002

1.8243


360.1482,
400.4594, 404.6745


 0.5098, 0.9090,
0.4439


 0.0000, 0.0000,
0.0000


 62.4486, 72.5006,
69.0951


 62.4486, 72.5006,
69.0951


 54.9090, 68.8416,
58.5438


 71.1280, 76.7255,
80.8677

 48.4554, 65.7154,
49.1698

 80.9863, 81.5295,
93.8942

 43.0383, 63.0995,
40.9337

 87.3107, 84.5214,
106.3202

 38.6022, 60.9661,
33.7917

■ 35.0861, 59.2847,
27.6976

■ 32.4220, 58.0214,
22.6015

■ 30.5318, 57.1369,
18.4496

■ 29.3222, 56.5843,
15.1826

■ 28.8125, 56.3581,
13.5098

Harmonies

Analogous

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



65.0017, 72.5006, 61.8780



62.4486, 72.5006, 69.0951



61.6081, 72.5006, 79.5919

Triad

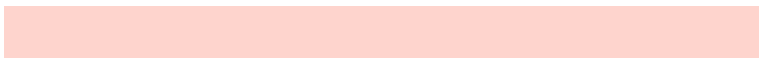
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4486, 72.5006, 69.0951



69.1366, 72.5006, 102.6858



75.5603, 72.5006, 68.0712

Complementary

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



62.4486, 72.5006, 69.0951



65.5609, 62.2685, 76.9736

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.



76.7665, 72.5006, 78.2934



62.4486, 72.5006, 69.0951



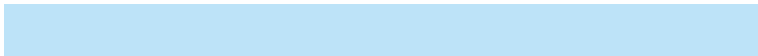
72.9712, 72.5006, 98.8831

Square

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



62.4486, 72.5006, 69.0951



65.3801, 72.5006, 99.6395



75.8016, 72.5006, 89.6801



72.5640, 72.5006, 61.3277

Rectangle

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



62.4486, 72.5006, 69.0951



62.1054, 72.5006, 87.2470



75.8016, 72.5006, 89.6801



76.1936, 72.5006, 71.1793

Sweetspot

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



62.4506, 72.5037, 69.0967



90.2017, 97.6386, 102.4376



68.1102, 75.5307, 64.4162



19.1176, 20.8065, 21.6719



0.0000, 0.0000, 0.0000



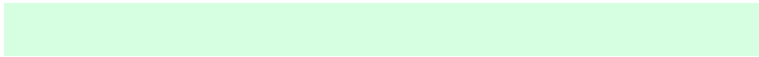
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4506, 72.5037, 69.0967



77.1035, 91.2677, 84.5924



64.3949, 73.2814, 79.3350



14.3412, 16.1499, 16.0615



16.5144, 32.2379, 7.9431



1.2575, 2.3971, 0.7826

Inverse Universe

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



65.5609, 62.2685, 76.9736



81.7381, 76.0148, 96.3285



63.6197, 61.4920, 66.7510



14.8279, 14.5484, 17.2943



22.6701, 11.2023, 22.9555



1.7125, 0.8427, 1.8926

Previews

White Background



This preview shows how the XYZ color 62.4486, 72.5006, 69.0951 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 62.4486, 72.5006, 69.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

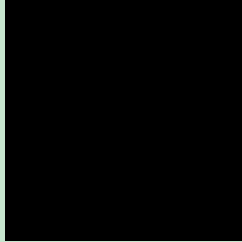
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

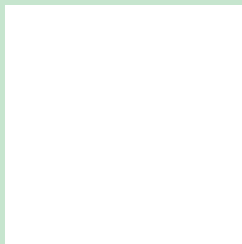
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4486, 72.5006, 69.0951

Background



This preview shows how black text looks on a background with the XYZ color 62.4486, 72.5006, 69.0951.

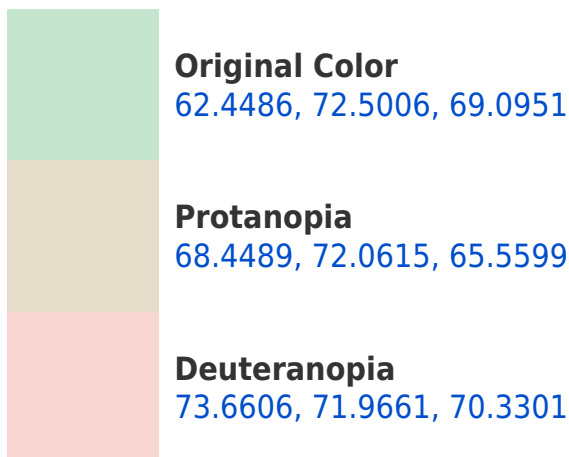


This preview shows how white text looks on a background with the XYZ color 62.4486, 72.5006,

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

67.5845, 72.5595, 94.4477

Trichromacy



Original Color

62.4486, 72.5006, 69.0951

Protanomaly

66.0806, 71.9926, 66.9130

Deuteranomaly

69.0298, 71.8751, 69.9095

Tritanomaly

65.6963, 72.6064, 84.6806

Monochromacy



Original Color

62.4486, 72.5006, 69.0951

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4450, 70.2186, 73.1077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4486, 72.5006, 69.0951 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(198, 229, 206)` looks like.

```
.text, #text, p{  
    color:rgb(198, 229, 206)  
}
```

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(198, 229, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 229, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.4486, 72.5006, 69.0951 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(198, 229, 206) }
```


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

```
.border{ border-color:rgb(198, 229, 206) }
```

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

Here you see how a box with a 4 pixel rgb(198, 229, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 229, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 229, 206);  
box-shadow:4px 4px 4px 4px rgb(198, 229,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4486, 72.5006, 69.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 229, 206) }
```

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

```
.background{ background-color: rgb(198,  
229, 206) }
```

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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