

Converting Colors

XYZ(56.7661, 72.6618, 62.1783)

Have a look what the booklet for
XYZ(56.7661, 72.6618, 62.1783)
contains.

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Color

**XYZ(56.7463, 72.6566,
62.0722)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ACECC2 |
| RGB | 172, 236, 194 |
| RGB Percent | 67%, 93%, 76% |
| CMY | 0.3255, 0.0745, 0.2392 |
| CMYK | 0.27, 0.00, 0.18, 0.07 |
| HSL | 141°, 63%, 80% |
| HSV | 141°, 27%, 93% |
| XYZ | 56.7463, 72.6566, 62.0722 |
| YIQ | 212.0760, -24.6620, -26.6300 |

Conversions

Conversions Part 2

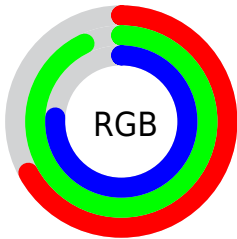
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 172, 220, 236 |
| Decimal | 11332802 |
| CIELab | 88.28, -28.48, 13.96 |
| CIELCh | 88, 31.718, 153.878 |
| Yxy | 72.6566, 0.2964, 0.3795 |
| Android (android.graphics.Color) | 4289522882 (0xFFFACECC2) |
| YUV | 212.0760, -8.9115, -35.1467 |
| Hunter-Lab | 85.2388, -30.3347, 16.4913 |

Details

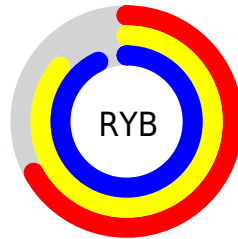
The XYZ color **56.7463, 72.6566, 62.0722** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4847, 52.1946, 70.4553**, and the grayscale version is **62.7005, 65.9659, 71.8368**.

A 20% lighter version of the original color is **85.1675, 94.9790, 105.1108**, and **28.5261, 38.3875, 30.7170** is the 20% darker color. If you saturate the color by 10%, you get **50.3699, 69.5621, 53.1625**, and if you desaturate by 10%, it is **64.2278, 76.3039, 71.9831**.

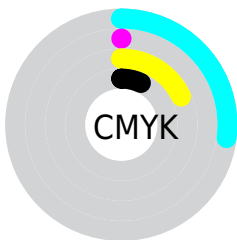
Distribution



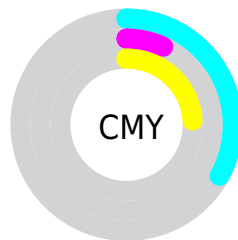
- Red (67%)
- Green (93%)
- Blue (76%)



- Red (67%)
- Yellow (86%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7463, 72.6566, 62.0722 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 56.7463, 72.6566, 62.0722 by changing the saturation by 10% instead.


 56.7463, 72.6566,
62.0722

 56.7463, 72.6566,
62.0722

402.5275,
469.8238, 450.2093

 41.0409, 53.6952,
44.6549


 99.2284, 122.9896,
109.4025

 28.5389, 38.3580,
30.8447


126.7359,
155.1300, 140.1525

 18.8748, 26.2607,
20.2232

158.9081,
192.4322, 176.1839

 11.6833, 17.0188,
12.3717

196.1103,
235.2805, 217.9151

 6.5991, 10.2479,
6.8717

238.7081,
284.0595, 265.7647

 3.2567, 5.5636,
3.3048


287.0666,

 1.2909, 2.5816,


339.1534, 320.1512


1.2523


341.5513,
400.9467, 381.4933


 0.1764, 0.9174,
0.0222


 0.0000, 0.0000,
0.0000


 56.7463, 72.6566,
62.0722


 56.7463, 72.6566,
62.0722

 50.3699, 69.5621,
53.1625


 64.2278, 76.3039,
71.9831


 45.0384, 66.9839,
45.2178

 72.8589, 80.5202,
82.9204

 40.6949, 64.8954,
38.2067

 82.6886, 85.3324,
94.9143

 37.2743, 63.2638,
32.0941

 89.2868, 88.4737,
106.9789

■ 34.7033, 62.0520,
26.8429

■ 32.8965, 61.2167,
22.4129

■ 31.7450, 60.7027,
18.7604

■ 31.4867, 60.5896,
17.8444

Harmonies

Analogous

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



61.2253, 72.6566, 49.1939



56.7463, 72.6566, 62.0722



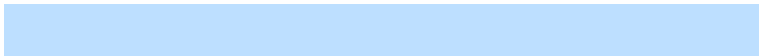
55.4754, 72.6566, 81.9765

Triad

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



56.7463, 72.6566, 62.0722



70.0515, 72.6566, 128.6650



81.9196, 72.6566, 57.9923

Complementary

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



56.7463, 72.6566, 62.0722



61.4847, 52.1946, 70.4553

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.



84.6941, 72.6566, 76.3124



56.7463, 72.6566, 62.0722



77.5316, 72.6566, 119.2088

Square

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



56.7463, 72.6566, 62.0722



62.8195, 72.6566, 122.9699



83.0327, 72.6566, 99.0125



75.6962, 72.6566, 47.1595

Rectangle

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



56.7463, 72.6566, 62.0722



56.5344, 72.6566, 97.2974



83.0327, 72.6566, 99.0125



83.3065, 72.6566, 63.3444

Sweetspot

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



56.7483, 72.6596, 62.0738



85.8578, 95.5017, 97.6079



65.3710, 77.3695, 50.5189



18.0293, 20.2712, 20.4571



0.0000, 0.0000, 0.0000



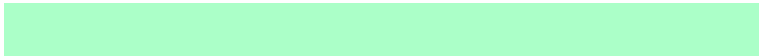
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7483, 72.6596, 62.0738



62.9210, 84.3207, 67.4654



60.6472, 74.2192, 82.6052



15.0820, 16.9476, 17.1148



17.4100, 33.4185, 10.1239



1.4109, 2.6417, 1.0254

Inverse Universe

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



61.4847, 52.1946, 70.4553



69.5123, 55.8243, 79.1166



57.8593, 50.7445, 51.3644



15.4821, 15.2207, 17.8239



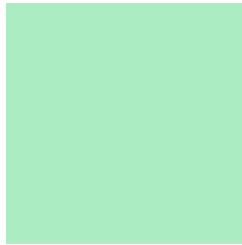
22.3865, 11.1573, 18.3687



1.8028, 0.8941, 1.6788

Previews

White Background



This preview shows how the XYZ color 56.7463, 72.6566, 62.0722 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 56.7463, 72.6566, 62.0722 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 56.7463, 72.6566, 62.0722

Background



This preview shows how black text looks on a background with the XYZ color 56.7463, 72.6566, 62.0722.



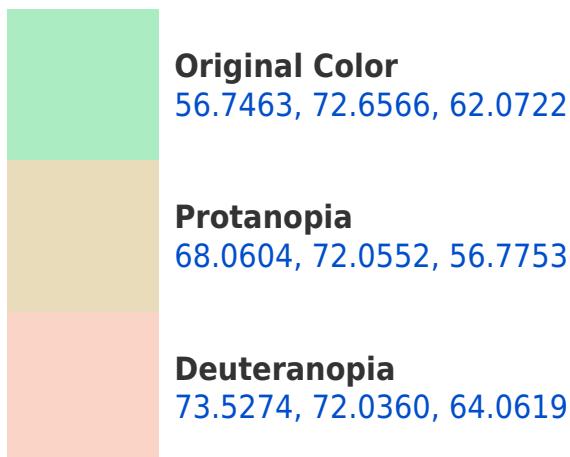
This preview shows how white text looks on a background with the XYZ color 56.7463, 72.6566,

62.0722.

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

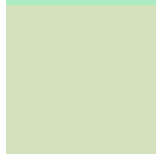
64.0992, 72.6991, 98.6496

Trichromacy



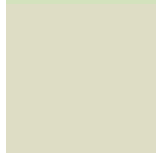
Original Color

56.7463, 72.6566, 62.0722



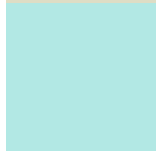
Protanomaly

63.2456, 71.9157, 58.6918



Deuteranomaly

66.0587, 71.2737, 63.0989



Tritanomaly

61.2203, 72.7796, 84.2200

Monochromacy



Original Color

56.7463, 72.6566, 62.0722



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.9019, 67.9910, 67.7240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7463, 72.6566, 62.0722 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(172, 236, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 194)  
}
```

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(172, 236, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.7463, 72.6566, 62.0722 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(172, 236, 194) }
```


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

```
.border{ border-color:rgb(172, 236, 194) }
```

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

Here you see how a box with a 4 pixel rgb(172, 236, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7463, 72.6566, 62.0722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 194) }
```

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

```
.background{ background-color: rgb(172,  
236, 194) }
```

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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