

Converting Colors

XYZ(60.1468, 68.2624, 72.2248)

Have a look what the booklet for
XYZ(60.1468, 68.2624, 72.2248)
contains.

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Color

**XYZ(60.2531, 68.4654,
72.3268)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DED4
RGB	194, 222, 212
RGB Percent	76%, 87%, 83%
CMY	0.2392, 0.1294, 0.1686
CMYK	0.13, 0.00, 0.05, 0.13
HSL	159°, 30%, 82%
HSV	159°, 13%, 87%
XYZ	60.2531, 68.4654, 72.3268
YIQ	212.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

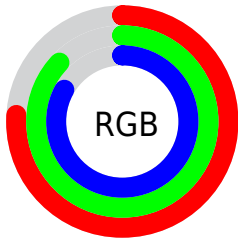
Format	Color
RYB	194, 211, 222
Decimal	12771028
CIELab	86.24, -11.16, 1.77
CIELCh	86, 11.303, 171.002
Yxy	68.4654, 0.2997, 0.3405
Android (android.graphics.Color)	4290961108 (0xFFC2DED4)
YUV	212.4880, -0.2406, -16.2140
Hunter-Lab	82.7438, -14.8200, 6.0950

Details

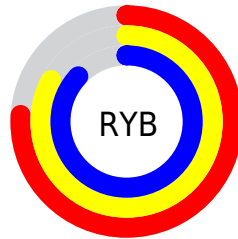
The XYZ color **60.2531, 68.4654, 72.3268** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.3176, 58.4746, 65.2376**, and the grayscale version is **62.9137, 66.1901, 72.0810**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **30.7197, 35.6472, 37.1598** is the 20% darker color. If you saturate the color by 10%, you get **53.9999, 65.3564, 66.9404**, and if you desaturate by 10%, it is **67.4106, 72.0386, 78.0149**.

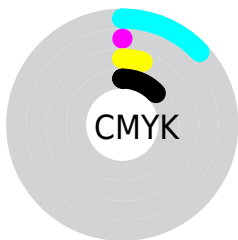
Distribution



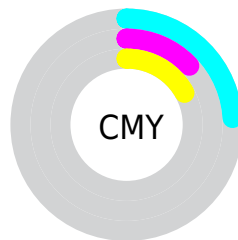
- Red (76%)
- Green (87%)
- Blue (83%)



- Red (76%)
- Yellow (83%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2531, 68.4654, 72.3268 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 60.2531, 68.4654, 72.3268 by changing the saturation by 10% instead.

60.2531, 68.4654,
72.3268

60.2531, 68.4654,
72.3268

415.3499,
455.1432, 487.6864

43.8729, 50.2765,
52.9372

104.3010,
117.0177, 124.2331

30.7681, 35.6331,
37.3653

132.6994,
148.1498, 157.5869

20.5733, 24.1510,
25.1924

165.8346,
184.3651, 196.4324

12.9231, 15.4457,
16.0002

204.0720,
226.0480, 241.1884

7.4523, 9.1327,
9.3699

247.7768,
273.5829, 292.2732

3.7953, 4.8279,
4.8831

297.3145,

1.5870, 2.1466,

327.3541, 350.1054

2.1213

353.0504,
387.7461, 415.1036

■ 0.3839, 0.6907,
0.6284

■ 0.0000, 0.0000,
0.0000

■ 60.2531, 68.4654,
72.3268

■ 60.2531, 68.4654,
72.3268

■ 53.9999, 65.3564,
66.9404

■ 67.4106, 72.0386,
78.0149

■ 48.6067, 62.6833,
61.8457

■ 75.5024, 76.0859,
84.0055

■ 44.0345, 60.4279,
57.0387

■ 82.4729, 79.5493,
90.2071

■ 40.2385, 58.5672,
52.5133

■ 83.6498, 80.0200,
96.4047

■ 37.1698, 57.0761,
48.2635

■ 84.8785, 80.5115,
102.8750

■ 34.7734, 55.9264,
44.2826

■ 85.4126, 80.7252,
105.6875

■ 32.9863, 55.0856,
40.5636

■ 31.7327, 54.5147,
37.0988

■ 31.0578, 54.2193,
34.6960

Harmonies

Analogous

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



61.2600, 68.4654, 65.8824



60.2531, 68.4654, 72.3268



60.5109, 68.4654, 79.8055

Triad

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



60.2531, 68.4654, 72.3268



66.8854, 68.4654, 88.7517



68.2764, 68.4654, 63.9489

Complementary

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



60.2531, 68.4654, 72.3268



60.3176, 58.4746, 65.2376

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.



69.8616, 68.4654, 69.5250



60.2531, 68.4654, 72.3268



69.0437, 68.4654, 83.9402

Square

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



60.2531, 68.4654, 72.3268



64.2943, 68.4654, 89.6264



70.1461, 68.4654, 76.8125



65.8606, 68.4654, 61.2619

Rectangle

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



60.2531, 68.4654, 72.3268



61.3682, 68.4654, 84.3566



70.1461, 68.4654, 76.8125



68.9267, 68.4654, 65.5293

Sweetspot

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



60.2550, 68.4683, 72.3283



90.8153, 97.8841, 105.6686



60.8362, 69.0158, 61.1549



19.2727, 20.8686, 22.4890



0.0000, 0.0000, 0.0000



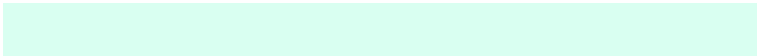
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2550, 68.4683, 72.3283



80.2285, 92.6044, 97.1286



60.5758, 67.0273, 78.8556



13.8979, 15.4849, 16.4974



18.5016, 32.2255, 20.8964



1.3247, 2.2506, 1.6708

Inverse Universe

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



60.3176, 58.4746, 65.2376



80.3296, 76.4934, 85.6988



59.9972, 59.6928, 59.3996



13.9085, 13.7810, 15.2883



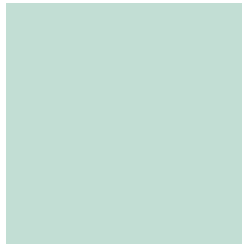
18.7863, 9.5815, 5.5404



1.3439, 0.6808, 0.6036

Previews

White Background



This preview shows how the XYZ color 60.2531, 68.4654, 72.3268 looks on a white background.

Color Contrast Check

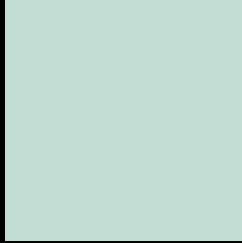
Large Text (above 18pt) WCAG AA × Fail

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 60.2531, 68.4654, 72.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

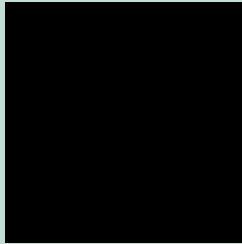
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

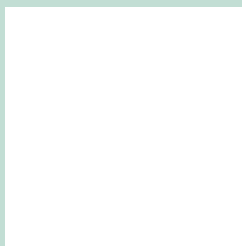
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2531, 68.4654, 72.3268

Background



This preview shows how black text looks on a background with the XYZ color 60.2531, 68.4654, 72.3268.

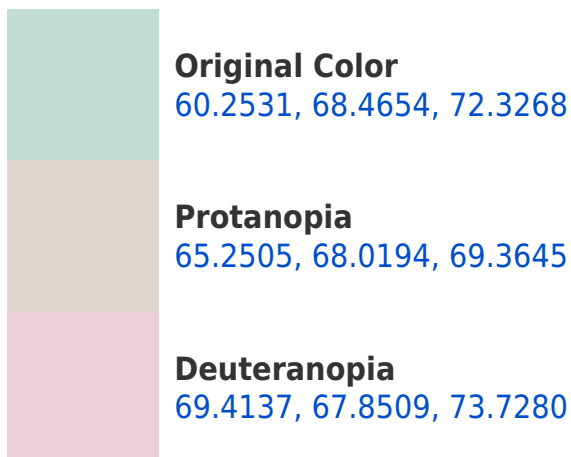


This preview shows how white text looks on a background with the XYZ color 60.2531, 68.4654,

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

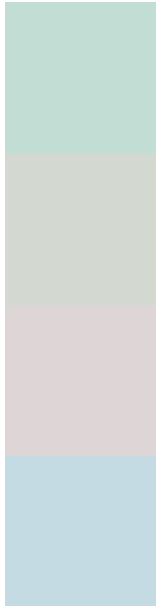




Tritanopia

63.5004, 68.2047, 89.1749

Trichromacy



Original Color

60.2531, 68.4654, 72.3268

Protanomaly

63.1854, 68.0780, 70.1317

Deuteranomaly

65.7506, 67.8157, 73.2426

Tritanomaly

62.2226, 68.0794, 82.5342

Monochromacy



Original Color

60.2531, 68.4654, 72.3268

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6164, 66.8443, 71.9421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2531, 68.4654, 72.3268 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(194, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 212)  
}
```

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(194, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.2531, 68.4654, 72.3268 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(194, 222, 212) }
```


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

```
.border{ border-color:rgb(194, 222, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2531, 68.4654, 72.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 212) }
```

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

```
.background{ background-color: rgb(194,  
222, 212) }
```

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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