

Converting Colors

XYZ(60.1087, 68.8978, 72.2433)

Have a look what the booklet for
XYZ(60.1087, 68.8978, 72.2433)
contains.

XYZ(60.0096, 68.7353, 72.3918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.0096, 68.7353,
72.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DFD4
RGB	192, 223, 212
RGB Percent	75%, 87%, 83%
CMY	0.2471, 0.1255, 0.1686
CMYK	0.14, 0.00, 0.05, 0.13
HSL	159°, 33%, 81%
HSV	159°, 14%, 87%
XYZ	60.0096, 68.7353, 72.3918
YIQ	212.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

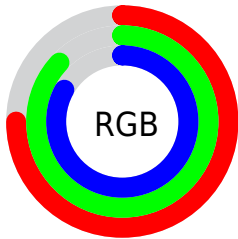
Format	Color
RYB	192, 211, 223
Decimal	12640212
CIELab	86.37, -12.32, 1.95
CIElCh	86, 12.474, 171.021
Yxy	68.7353, 0.2984, 0.3417
Android (android.graphics.Color)	4290830292 (0xFFC0DFD4)
YUV	212.4770, -0.2352, -17.9583
Hunter-Lab	82.9068, -15.8849, 6.2644

Details

The XYZ color **60.0096, 68.7353, 72.3918** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.0630, 57.7009, 64.4747**, and the grayscale version is **62.9070, 66.1831, 72.0734**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.5697, 35.8429, 37.2055** is the 20% darker color. If you saturate the color by 10%, you get **53.8116, 65.6545, 67.0180**, and if you desaturate by 10%, it is **67.1160, 72.2825, 78.0665**.

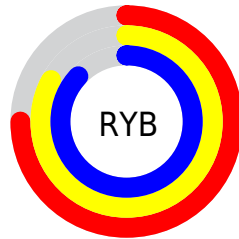
Distribution



Red (75%)

Green (87%)

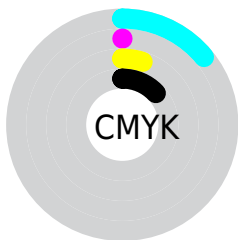
Blue (83%)



Red (75%)

Yellow (83%)

Blue (87%)

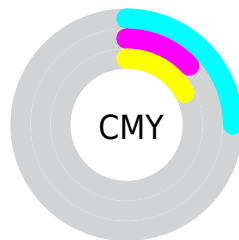


Cyan (14%)

Magenta (0%)

Yellow (5%)

Black (13%)



Cyan (25%)

Magenta (13%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0096, 68.7353, 72.3918 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 60.0096, 68.7353, 72.3918 by changing the saturation by 10% instead.

60.0096, 68.7353,
72.3918

60.0096, 68.7353,
72.3918

414.4673,
456.0968, 487.9183

43.6759, 50.4962,
52.9900

103.9499,
117.4034, 124.3263

30.6126, 35.8078,
37.4071

132.2871,
148.6012, 157.6961

20.4544, 24.2858,
25.2246

165.3562,
184.8873, 196.5589

12.8360, 15.5458,
16.0239

203.5225,
226.6462, 241.3334

7.3919, 9.2033,
9.3866

247.1515,
274.2622, 292.4381

3.7569, 4.8740,
4.8939

296.6083,

1.5655, 2.1735,

328.1197, 350.2914

2.1275

352.2585,
388.6031, 415.3120

■ 0.3698, 0.7055,
0.6321

■ 0.0000, 0.0000,
0.0000

■ 60.0096, 68.7353,
72.3918

■ 60.0096, 68.7353,
72.3918

■ 53.8116, 65.6545,
67.0180

■ 67.1160, 72.2825,
78.0665

■ 48.4771, 63.0115,
61.9350

■ 75.1616, 76.3062,
84.0428

■ 43.9660, 60.7874,
57.1388

■ 82.7323, 80.0793,
90.2594

■ 40.2328, 58.9590,
52.6234

■ 83.9065, 80.5489,
96.4426

■ 37.2272, 57.5003,
48.3826

■ 85.1323, 81.0392,
102.8975

■ 34.8929, 56.3824,
44.4098

■ 85.6790, 81.2579,
105.7763

■ 33.1647, 55.5718,
40.6979

■ 31.9636, 55.0280,
37.2390

■ 31.4122, 54.7872,
35.2486

Harmonies

Analogous

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



61.1177, 68.7353, 65.2969



60.0096, 68.7353, 72.3918



60.2943, 68.7353, 80.6785

Triad

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



60.0096, 68.7353, 72.3918



67.3385, 68.7353, 90.6513



68.8784, 68.7353, 63.1712

Complementary

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



60.0096, 68.7353, 72.3918



60.0630, 57.7009, 64.4747

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.



70.6403, 68.7353, 69.2922



60.0096, 68.7353, 72.3918



69.7333, 68.7353, 85.2726

Square

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



60.0096, 68.7353, 72.3918



64.4699, 68.7353, 91.6338



70.9577, 68.7353, 77.3449



66.1994, 68.7353, 60.2365

Rectangle

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



60.0096, 68.7353, 72.3918



61.2392, 68.7353, 85.7461



70.9577, 68.7353, 77.3449



69.6008, 68.7353, 64.9021

Sweetspot

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



60.0115, 68.7382, 72.3933



90.8190, 97.8855, 105.6883



60.6330, 69.3322, 60.0570



19.2737, 20.8690, 22.4940



0.0000, 0.0000, 0.0000



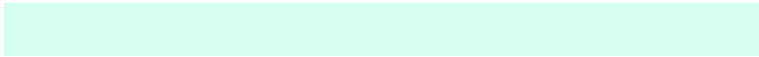
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0115, 68.7382, 72.3933



78.4816, 91.7335, 95.7083



60.3565, 67.1305, 79.5918



13.8992, 15.4854, 16.5047



18.5247, 32.2347, 21.0177



1.3261, 2.2512, 1.6786

Inverse Universe

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



60.0630, 57.7009, 64.4747



78.5661, 73.7202, 82.7870



59.7181, 59.0356, 58.1178



13.9072, 13.7805, 15.2813



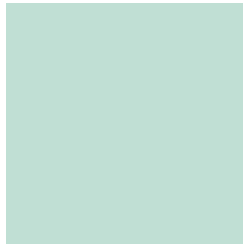
18.7750, 9.5770, 5.4808



1.3430, 0.6805, 0.5989

Previews

White Background



This preview shows how the XYZ color 60.0096, 68.7353, 72.3918 looks on a white background.

Color Contrast Check

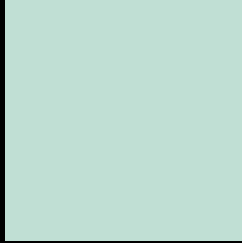
Large Text (above 18pt) WCAG AA × Fail

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 60.0096, 68.7353, 72.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

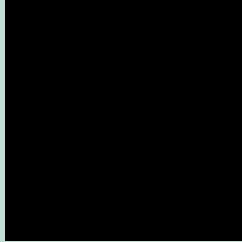
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

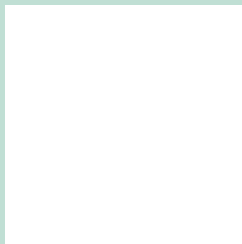
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0096, 68.7353, 72.3918

Background



This preview shows how black text looks on a background with the XYZ color 60.0096, 68.7353, 72.3918.

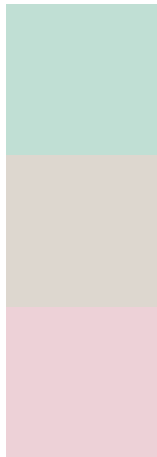


This preview shows how white text looks on a background with the XYZ color 60.0096, 68.7353,

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

60.0096, 68.7353, 72.3918

Protanopia

65.3817, 68.4780, 68.8031

Deuteranopia

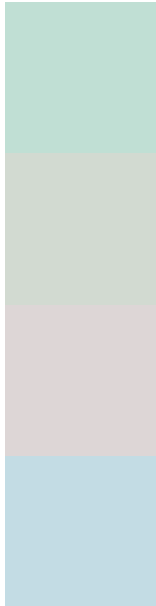
69.9913, 68.5117, 73.8251



Tritanopia

63.3825, 68.5132, 90.0045

Trichromacy



Original Color

60.0096, 68.7353, 72.3918

Protanomaly

63.1584, 68.4479, 70.2046

Deuteranomaly

66.0030, 68.3203, 73.3267

Tritanomaly

62.1025, 68.3899, 83.3262

Monochromacy



Original Color

60.0096, 68.7353, 72.3918

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 60.0096, 68.7353, 72.3918 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(192, 223, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 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(192, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.0096, 68.7353, 72.3918 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(192, 223, 212) }
```


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

```
.border{ border-color:rgb(192, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 223,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0096, 68.7353, 72.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 212) }
```

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

```
.background{ background-color: rgb(192,  
223, 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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