

Converting Colors

XYZ(62.1998, 69.7601, 77.2046)

Have a look what the booklet for XYZ(62.1998, 69.7601, 77.2046) contains.

- XYZ(62.1998, 69.7601, 77.2046) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(62.1998, 69.7601,
77.2046)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DFDB
RGB	197, 223, 219
RGB Percent	77%, 87%, 86%
CMY	0.2274, 0.1255, 0.1412
CMYK	0.12, 0.00, 0.02, 0.13
HSL	171°, 29%, 82%
HSV	171°, 12%, 87%
XYZ	62.1998, 69.7601, 77.2046
YIQ	214.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

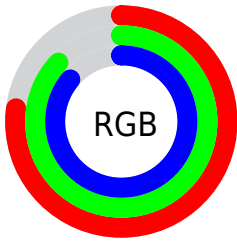
Format	Color
R _{YB}	197, 211, 223
Decimal	12967899
CIE Lab	86.88, -9.35, -0.97
CIE LCh	87, 9.397, 185.900
Yxy	69.7601, 0.2974, 0.3335
Android (android.graphics.Color)	4291157979 (0xFFC5DFDB)
YUV	214.7700, 2.0854, -15.5843
Hunter-Lab	83.5225, -13.2342, 3.6606

Details

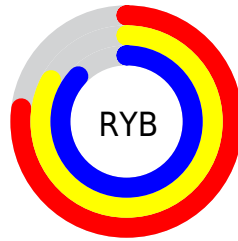
The XYZ color **62.1998, 69.7601, 77.2046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9428, 59.8394, 63.5996**, and the grayscale version is **64.4306, 67.7860, 73.8189**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.0312, 36.5252, 40.4838** is the 20% darker color. If you saturate the color by 10%, you get **56.3401, 66.7929, 74.5965**, and if you desaturate by 10%, it is **68.9366, 73.1822, 79.9054**.

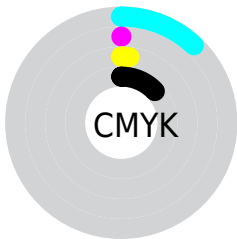
Distribution



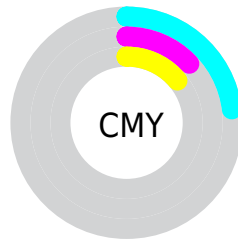
- Red (77%)
- Green (87%)
- Blue (86%)



- Red (77%)
- Yellow (83%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1998, 69.7601, 77.2046 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 62.1998, 69.7601, 77.2046 by changing the saturation by 10% instead.

■ 62.1998, 69.7601,
77.2046

■ 62.1998, 69.7601,
77.2046

422.3655,
459.7072, 504.9175

■ 45.4504, 51.3310,
56.9082

107.1026,
118.8666, 131.2039

■ 32.0151, 36.4721,
40.5227

135.9866,
150.3127, 165.7439

■ 21.5286, 24.7990,
27.6294

169.6462,
186.8667, 205.8689

■ 13.6256, 15.9274,
17.8099

208.4468,
228.9128, 251.9975

■ 7.9407, 9.4728,
10.6456

252.7536,
276.8355, 304.5480

■ 4.1085, 5.0508,
5.7179

302.9321,

■ 1.7637, 2.2771,

331.0193, 363.9392

2.6083

359.3476,
391.8484, 430.5895

■ 0.4957, 0.7616,
0.8967

■ 0.0000, 0.0000,
0.0000

■ 62.1998, 69.7601,
77.2046

■ 62.1998, 69.7601,
77.2046

■ 56.3401, 66.7929,
74.5965

■ 68.9366, 73.1822,
79.9054

■ 51.3137, 64.2523,
72.0742

■ 76.5801, 77.0687,
82.6961

■ 47.0820, 62.1204,
69.6373

■ 81.8139, 79.7119,
85.4233

■ 43.6009, 60.3743,
67.2833

■ 82.2990, 79.9059,
87.9777

■ 40.8220, 58.9891,
65.0096

■ 82.7936, 80.1038,
90.5824

■ 38.6911, 57.9370,
62.8135

■ 83.2979, 80.3055,
93.2377

■ 37.1462, 57.1860,
60.6917

■ 83.8117, 80.5110,
95.9437

■ 36.1128, 56.6976,
58.6405

■ 84.3353, 80.7204,
98.7008

■ 35.5388, 56.4378,
56.9786

■ 84.8686, 80.9338,
101.5093

Harmonies

Analogous

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



62.5311, 69.7601, 71.1334



62.1998, 69.7601, 77.2046



62.9487, 69.7601, 83.2577

Triad

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



62.1998, 69.7601, 77.2046



68.8074, 69.7601, 86.1613



68.0410, 69.7601, 65.4615

Complementary

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



62.1998, 69.7601, 77.2046



60.9428, 59.8394, 63.5996

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.



69.7783, 69.7601, 69.0958



62.1998, 69.7601, 77.2046



70.2275, 69.7601, 80.9936

Square

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



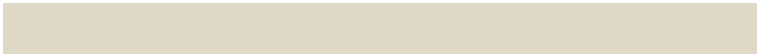
62.1998, 69.7601, 77.2046



66.7391, 69.7601, 88.6088



70.5867, 69.7601, 74.7227



65.8725, 69.7601, 64.5706

Rectangle

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



62.1998, 69.7601, 77.2046



63.9697, 69.7601, 86.3981



70.5867, 69.7601, 74.7227



68.6962, 69.7601, 66.3927

Sweetspot

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



62.2018, 69.7630, 77.2061



92.1023, 98.5022, 107.7753



60.6450, 69.2733, 62.9992



19.5491, 20.9999, 23.0044



0.0000, 0.0000, 0.0000



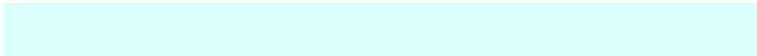
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2018, 69.7630, 77.2061



82.2414, 93.4977, 103.7475



60.4784, 65.4625, 79.2634



14.0211, 15.5342, 17.1465



20.9294, 33.1966, 33.6806



1.4755, 2.3109, 2.4653

Inverse Universe

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



60.9428, 59.8394, 63.5996



80.2127, 77.5048, 81.8207



62.5030, 63.7037, 61.8262



13.7928, 13.7348, 14.6792



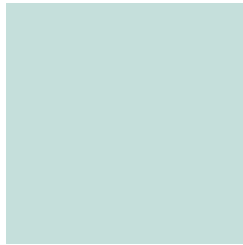
18.0920, 9.3038, 1.8845



1.2811, 0.6557, 0.2732

Previews

White Background



This preview shows how the XYZ color 62.1998, 69.7601, 77.2046 looks on a white background.

Color Contrast Check

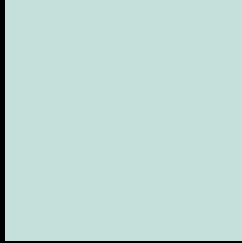
Large Text (above 18pt) WCAG AA × Fail

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 62.1998, 69.7601, 77.2046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

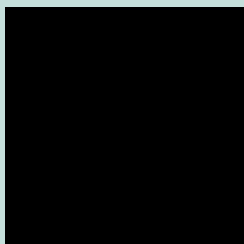
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

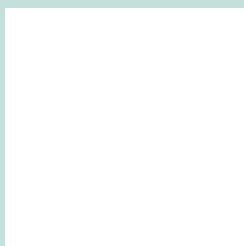
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1998, 69.7601, 77.2046

Background



This preview shows how black text looks on a background with the XYZ color 62.1998, 69.7601, 77.2046.

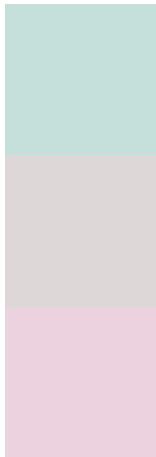


This preview shows how white text looks on a background with the XYZ color 62.1998, 69.7601,

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

62.1998, 69.7601, 77.2046

Protanopia

66.6404, 69.3902, 74.1713

Deuteranopia

70.8235, 69.2000, 78.7314



Tritanopia

64.8452, 69.6388, 90.9128

Trichromacy



Original Color

62.1998, 69.7601, 77.2046

Protanomaly

64.8776, 69.6180, 74.9839

Deuteranomaly

67.4758, 69.3509, 78.2363

Tritanomaly

63.8334, 69.6245, 85.6758

Monochromacy



Original Color

62.1998, 69.7601, 77.2046

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4785, 68.5106, 74.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1998, 69.7601, 77.2046 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(197, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 219)  
}
```

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(197, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 62.1998, 69.7601, 77.2046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

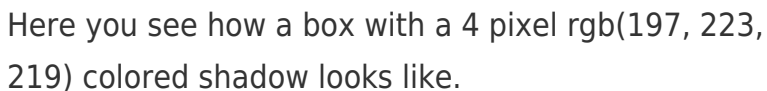
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 223, 219) }
```


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

```
.border{ border-color:rgb(197, 223, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 223, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 223, 219); box-shadow:4px 4px 4px 4px rgb(197, 223, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1998, 69.7601, 77.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 219) }
```

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

```
.background{ background-color: rgb(197,  
223, 219) }
```

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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