

Converting Colors

XYZ(59.5572, 67.7224, 63.6511)

Have a look what the booklet for
XYZ(59.5572, 67.7224, 63.6511)
contains.

XYZ(59.6027, 67.9322, 63.3969)	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(59.6027, 67.9322,
63.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DDC6
RGB	199, 221, 198
RGB Percent	78%, 87%, 78%
CMY	0.2196, 0.1333, 0.2235
CMYK	0.10, 0.00, 0.10, 0.13
HSL	117°, 25%, 82%
HSV	117°, 10%, 87%
XYZ	59.6027, 67.9322, 63.3969
YIQ	211.8000, -5.7290, -11.8170

Conversions

Conversions Part 2

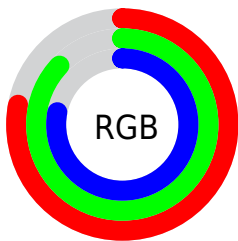
Format	Color
RYB	198, 221, 220
Decimal	13098438
CIELab	85.97, -11.57, 8.81
CIELCh	86, 14.540, 142.711
Yxy	67.9322, 0.3122, 0.3558
Android (android.graphics.Color)	4291288518 (0xFFC7DDC6)
YUV	211.8000, -6.8034, -11.2256
Hunter-Lab	82.4210, -15.1545, 12.0898

Details

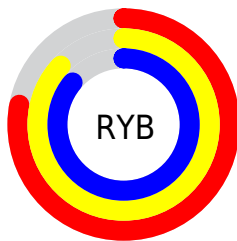
The XYZ color **59.6027, 67.9322, 63.3969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7630, 60.8261, 76.8427**, and the grayscale version is **62.4945, 65.7491, 71.6008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3473, 35.3058, 31.6008** is the 20% darker color. If you saturate the color by 10%, you get **52.0128, 64.2948, 50.6918**, and if you desaturate by 10%, it is **68.3476, 72.1259, 78.1005**.

Distribution



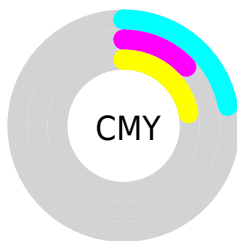
- Red (78%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6027, 67.9322, 63.3969 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 59.6027, 67.9322, 63.3969 by changing the saturation by 10% instead.

■ 59.6027, 67.9322,
63.3969

■ 59.6027, 67.9322,
63.3969

412.9900,
453.2558, 455.1560

■ 43.3467, 49.8426,
45.7193

103.3627,
116.2551, 111.3330

■ 30.3529, 35.2883,
31.6773

131.5975,
147.2573, 142.4286

■ 20.2560, 23.8851,
20.8524

164.5559,
183.3323, 178.8340

■ 12.6906, 15.2484,
12.8259

202.6033,
224.8647, 220.9676

■ 7.2914, 8.9939,
7.1795

246.1051,
272.2389, 269.2481

■ 3.6929, 4.7372,
3.4945


295.4266,

■ 1.5299, 2.0939,


325.8392, 324.0940


1.3523

350.9331,
386.0500, 385.9238


 0.3461, 0.6612,
0.1041


 0.0000, 0.0000,
0.0000


 59.6027, 67.9322,
63.3969


 59.6027, 67.9322,
63.3969


 52.0128, 64.2948,
50.6918


 68.3476, 72.1259,
78.1005

 45.5243, 61.1821,
39.8948

 78.2870, 76.8888,
94.8789

 40.0876, 58.5725,
30.9152

 85.1477, 80.1955,
105.5992

 35.6475, 56.4397,
23.6530

■ 32.1433, 54.7547,
17.9987

■ 29.5081, 53.4857,
13.8303

■ 27.6656, 52.5965,
11.0083

■ 26.5269, 52.0446,
9.3666

■ 25.9780, 51.7775,
8.6249

Harmonies

Analogous

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



62.1251, 67.9322, 58.2973



59.6027, 67.9322, 63.3969



58.4180, 67.9322, 71.6629

Triad

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



59.6027, 67.9322, 63.3969



63.7580, 67.9322, 93.7030



70.6604, 67.9322, 67.1054

Complementary

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



59.6027, 67.9322, 63.3969



62.7630, 60.8261, 76.8427

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.



71.1341, 67.9322, 76.3192



59.6027, 67.9322, 63.3969



67.0731, 67.9322, 92.2186

Square

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



59.6027, 67.9322, 63.3969



60.7629, 67.9322, 89.5480



69.8007, 67.9322, 85.6503



68.5277, 67.9322, 60.3064

Rectangle

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



59.6027, 67.9322, 63.3969



58.5165, 67.9322, 78.0784



69.8007, 67.9322, 85.6503



71.0219, 67.9322, 70.0017

Sweetspot

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



59.6046, 67.9351, 63.3984



91.2015, 98.1555, 102.4182



65.5686, 70.5604, 63.5908



19.3062, 20.9064, 21.5604



0.0000, 0.0000, 0.0000



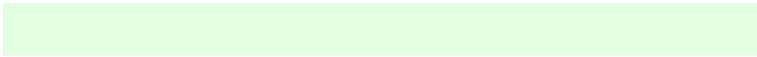
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6046, 67.9351, 63.3984



80.5483, 93.0487, 84.5206



60.5756, 68.2930, 69.8917



12.9386, 14.6331, 13.8681



15.1147, 30.0894, 5.0112



0.9981, 1.9591, 0.3255

Inverse Universe

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



62.7630, 60.8261, 76.8427



85.5657, 81.7552, 105.8783



61.7292, 60.4476, 69.8146



13.5555, 13.2445, 16.4941



23.2789, 11.1249, 40.6588



1.5258, 0.7298, 2.6349

Previews

White Background



This preview shows how the XYZ color 59.6027, 67.9322, 63.3969 looks on a white background.

Color Contrast Check

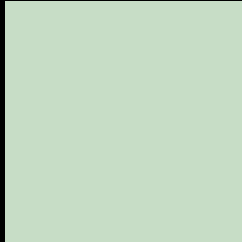
Large Text (above 18pt) WCAG AA × Fail

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 59.6027, 67.9322, 63.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

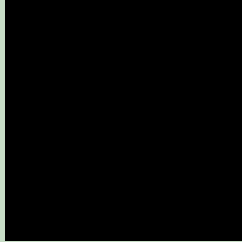
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

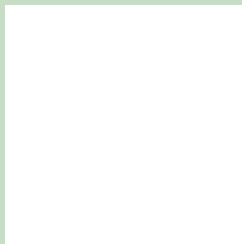
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6027, 67.9322, 63.3969

Background



This preview shows how black text looks on a background with the XYZ color 59.6027, 67.9322, 63.3969.



This preview shows how white text looks on a background with the XYZ color 59.6027, 67.9322,

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

59.6027, 67.9322, 63.3969

Protanopia

64.2156, 67.6762, 60.7172

Deuteranopia

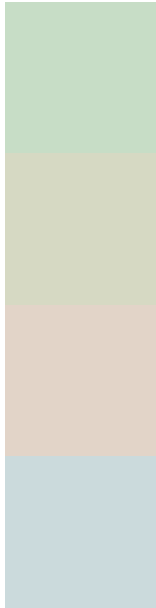
69.1311, 67.5435, 64.6519



Tritanopia

64.4407, 67.9741, 86.8147

Trichromacy



Original Color

59.6027, 67.9322, 63.3969

Protanomaly

62.3947, 67.8620, 61.4399

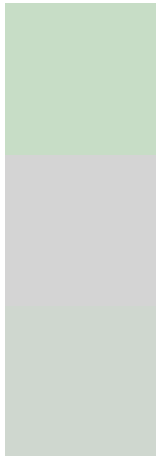
Deuteranomaly

65.3328, 67.4258, 64.2147

Tritanomaly

62.6183, 68.0066, 77.5364

Monochromacy



Original Color

59.6027, 67.9322, 63.3969

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.2951, 66.3713, 68.6118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6027, 67.9322, 63.3969 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(199, 221, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 198)  
}
```

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(199, 221, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.6027, 67.9322, 63.3969 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(199, 221, 198) }
```


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

```
.border{ border-color:rgb(199, 221, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 221, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 221, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 221, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 221,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6027, 67.9322, 63.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 198) }
```

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

```
.background{ background-color: rgb(199,  
221, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor