

Converting Colors

XYZ(59.8295, 66.2628, 69.4881)

Have a look what the booklet for
XYZ(59.8295, 66.2628, 69.4881)
contains.

XYZ(59.7512, 66.3219, 69.3267)	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(59.7512, 66.3219,
69.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D9D0
RGB	199, 217, 208
RGB Percent	78%, 85%, 82%
CMY	0.2196, 0.1490, 0.1843
CMYK	0.08, 0.00, 0.04, 0.15
HSL	150°, 19%, 82%
HSV	150°, 8%, 85%
XYZ	59.7512, 66.3219, 69.3267
YIQ	210.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

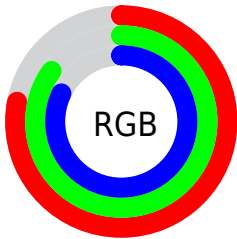
Format	Color
RYB	199, 211, 217
Decimal	13097424
CIELab	85.16, -7.71, 2.36
CIElCh	85, 8.063, 163.014
Yxy	66.3219, 0.3058, 0.3394
Android (android.graphics.Color)	4291287504 (0xFFC7D9D0)
YUV	210.5920, -1.2779, -10.1662
Hunter-Lab	81.4383, -11.5516, 6.5344

Details

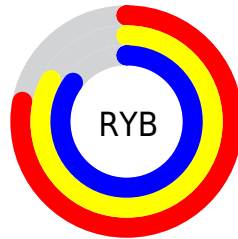
The XYZ color **59.7512, 66.3219, 69.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4263, 60.1543, 68.1037**, and the grayscale version is **61.6612, 64.8724, 70.6460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4301, 34.1935, 35.5680** is the 20% darker color. If you saturate the color by 10%, you get **53.1094, 63.0488, 62.2836**, and if you desaturate by 10%, it is **67.3092, 70.0604, 76.8924**.

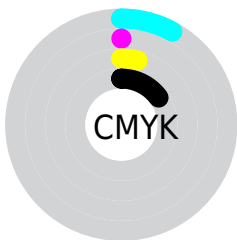
Distribution



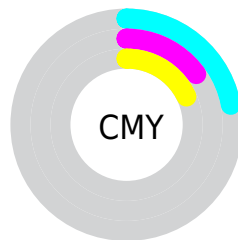
- Red (78%)
- Green (85%)
- Blue (82%)



- Red (78%)
- Yellow (83%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7512, 66.3219, 69.3267 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 59.7512, 66.3219, 69.3267 by changing the saturation by 10% instead.

■ 59.7512, 66.3219,
69.3267

■ 59.7512, 66.3219,
69.3267

413.5295,
447.5272, 476.9075

■ 43.4668, 48.5338,
50.5044

103.5771,
113.9482, 119.9202

■ 30.4477, 34.2498,
35.4404

131.8493,
144.5552, 152.5284

■ 20.3284, 23.0855,
23.7160

164.8481,
180.2039, 190.5691

■ 12.7436, 14.6567,
14.9129

202.9390,
221.2787, 234.4607

■ 7.3280, 8.5788,
8.6123

246.4872,
268.1641, 284.6218

■ 3.7162, 4.4675,
4.3958

295.8581,

■ 1.5429, 1.9384,

321.2444, 341.4710

1.8449

351.4171,
380.9039, 405.4267

■ 0.3547, 0.5713,
0.4573

■ 0.0000, 0.0000,
0.0000

■ 59.7512, 66.3219,
69.3267

■ 59.7512, 66.3219,
69.3267

■ 53.1094, 63.0488,
62.2836

■ 67.3092, 70.0604,
76.8924

■ 47.3418, 60.2142,
55.7475

■ 75.8120, 74.2735,
84.9871

■ 42.4114, 57.8010,
49.7084

■ 81.8654, 77.2128,
93.4623

■ 38.2762, 55.7879,
44.1541

■ 83.5315, 77.8792,
102.2359

■ 34.8904, 54.1515,
39.0721

■ 84.1041, 78.1083,
105.2514

■ 32.2036, 52.8659,
34.4491

■ 30.1583, 51.9019,
30.2714

■ 28.6874, 51.2250,
26.5238

■ 27.6930, 50.7851,
23.1897

Harmonies

Analogous

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



60.6813, 66.3219, 65.1348



59.7512, 66.3219, 69.3267



59.6907, 66.3219, 74.4922

Triad

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



59.7512, 66.3219, 69.3267



63.8278, 66.3219, 82.4177



65.6288, 66.3219, 65.5941

Complementary

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



59.7512, 66.3219, 69.3267



60.4263, 60.1543, 68.1037

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.



66.5060, 66.3219, 69.9813



59.7512, 66.3219, 69.3267



65.4529, 66.3219, 79.7868

Square

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



59.7512, 66.3219, 69.3267



62.0208, 66.3219, 82.2217



66.4411, 66.3219, 75.1789



64.0642, 66.3219, 63.0519

Rectangle

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



59.7512, 66.3219, 69.3267



60.1497, 66.3219, 77.8088



66.4411, 66.3219, 75.1789



66.0152, 66.3219, 66.8927

Sweetspot

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



59.7531, 66.3247, 69.3282



92.7905, 98.8823, 106.6650



61.2209, 67.2057, 63.7790



19.8847, 21.1766, 22.8543



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.



59.7531, 66.3247, 69.3282



84.2971, 94.6861, 98.0329



60.8537, 66.7650, 75.1242



13.1566, 14.7143, 15.2878



16.7278, 30.7238, 13.9980



1.1272, 2.0078, 1.1359

Inverse Universe

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



60.4263, 60.1543, 68.1037



85.4628, 84.0017, 95.9128



59.3844, 59.7375, 62.6172



13.3263, 13.1596, 14.9793



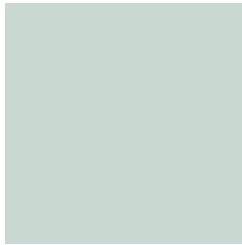
19.0309, 9.6134, 9.8085



1.2764, 0.6402, 0.8645

Previews

White Background



This preview shows how the XYZ color 59.7512, 66.3219, 69.3267 looks on a white background.

Color Contrast Check

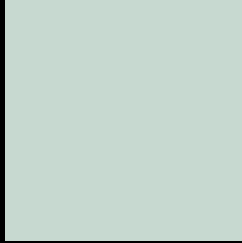
Large Text (above 18pt) WCAG AA × Fail

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 59.7512, 66.3219, 69.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

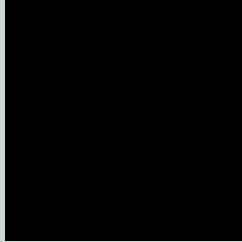
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

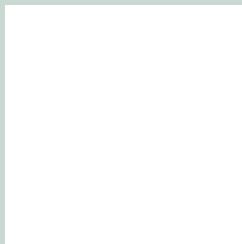
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7512, 66.3219, 69.3267

Background



This preview shows how black text looks on a background with the XYZ color 59.7512, 66.3219, 69.3267.

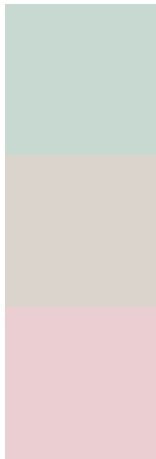


This preview shows how white text looks on a background with the XYZ color 59.7512, 66.3219,

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

59.7512, 66.3219, 69.3267

Protanopia

63.4764, 66.4002, 67.2286

Deuteranopia

67.6358, 66.2882, 70.2029



Tritanopia

63.0990, 66.5592, 85.1228

Trichromacy



Original Color

59.7512, 66.3219, 69.3267

Protanomaly

62.0511, 66.3982, 67.9382

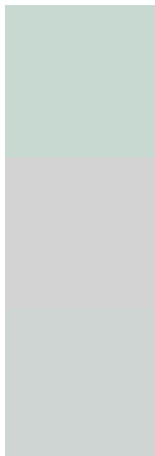
Deuteranomaly

64.3740, 66.0688, 69.6813

Tritanomaly

61.9768, 66.4851, 79.3784

Monochromacy



Original Color

59.7512, 66.3219, 69.3267

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1592, 65.5070, 70.3935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7512, 66.3219, 69.3267 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, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 208)  
}
```

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, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.7512, 66.3219, 69.3267 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, 217, 208) }
```


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

```
.border{ border-color:rgb(199, 217, 208) }
```

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

Here you see how a box with a 4 pixel rgb(199, 217, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7512, 66.3219, 69.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 208) }
```

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

```
.background{ background-color: rgb(199,  
217, 208) }
```

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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