

Converting Colors

XYZ(59.5264, 66.1801, 63.6340)

Have a look what the booklet for
XYZ(59.5264, 66.1801, 63.6340)
contains.

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Color

**XYZ(59.7503, 66.4457,
63.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD9C7
RGB	203, 217, 199
RGB Percent	80%, 85%, 78%
CMY	0.2039, 0.1490, 0.2196
CMYK	0.06, 0.00, 0.08, 0.15
HSL	107°, 19%, 82%
HSV	107°, 8%, 85%
XYZ	59.7503, 66.4457, 63.7090
YIQ	210.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

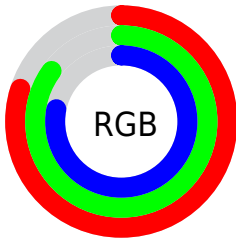
Format	Color
RYB	199, 217, 213
Decimal	13359559
CIELab	85.22, -7.98, 7.24
CIELCh	85, 10.781, 137.789
Yxy	66.4457, 0.3146, 0.3499
Android (android.graphics.Color)	4291549639 (0xFFCBD9C7)
YUV	210.7620, -5.7987, -6.8073
Hunter-Lab	81.5142, -11.8086, 10.7207

Details

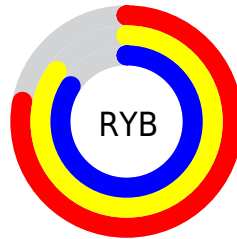
The XYZ color **59.7503, 66.4457, 63.7090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3909, 60.0045, 74.0481**, and the grayscale version is **61.7996, 65.0180, 70.8046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4256, 34.2746, 31.8001** is the 20% darker color. If you saturate the color by 10%, you get **53.0594, 63.2690, 51.1682**, and if you desaturate by 10%, it is **67.3047, 70.0299, 78.1685**.

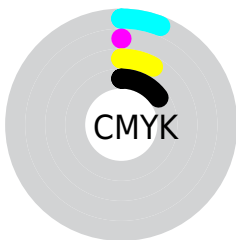
Distribution



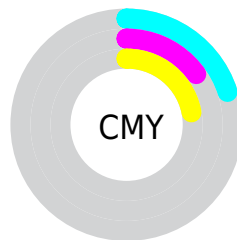
- Red (80%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7503, 66.4457, 63.7090 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 59.7503, 66.4457, 63.7090 by changing the saturation by 10% instead.

■ 59.7503, 66.4457,
63.7090

■ 59.7503, 66.4457,
63.7090

413.5263,
447.9692, 456.3166

■ 43.4661, 48.6343,
45.9703

103.5758,
114.1258, 111.7872

■ 30.4471, 34.3295,
31.8739

131.8477,
144.7633, 142.9638

■ 20.3279, 23.1468,
21.0012

164.8463,
180.4449, 179.4568

■ 12.7433, 14.7020,
12.9336

202.9369,
221.5551, 221.6847

■ 7.3278, 8.6105,
7.2527

246.4849,
268.4782, 270.0661

■ 3.7161, 4.4880,
3.5398

295.8555,

■ 1.5428, 1.9501,

321.5987, 325.0195

1.3764

351.4142,
381.3009, 386.9635

■ 0.3547, 0.5782,
0.1232

■ 0.0000, 0.0000,
0.0000

■ 59.7503, 66.4457,
63.7090

■ 59.7503, 66.4457,
63.7090

■ 53.0594, 63.2690,
51.1682

■ 67.3047, 70.0299,
78.1685

■ 47.1955, 60.4769,
40.4613

■ 75.7467, 74.0265,
94.6181

■ 42.1273, 58.0572,
31.5036

■ 83.6052, 77.8511,
105.2280

■ 37.8197, 55.9937,
24.2022

■ 84.1041, 78.1082,
105.2514

■ 34.2346, 54.2690,
18.4553

■ 31.3306, 52.8642,
14.1501

■ 29.0616, 51.7584,
11.1584

■ 27.3755, 50.9279,
9.3296

■ 26.2041, 50.3424,
8.4421

Harmonies

Analogous

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



61.7352, 66.4457, 60.3181



59.7503, 66.4457, 63.7090



58.6888, 66.4457, 69.5492

Triad

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



59.7503, 66.4457, 63.7090



62.1697, 66.4457, 86.2590



67.7179, 66.4457, 68.3288

Complementary

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



59.7503, 66.4457, 63.7090



60.3909, 60.0045, 74.0481

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.



67.8415, 66.4457, 75.2210



59.7503, 66.4457, 63.7090



64.5957, 66.4457, 85.8798

Square

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



59.7503, 66.4457, 63.7090



60.0613, 66.4457, 82.7398



66.6859, 66.4457, 81.7348



66.3524, 66.4457, 62.8651

Rectangle

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



59.7503, 66.4457, 63.7090



58.6291, 66.4457, 74.1804



66.6859, 66.4457, 81.7348



67.9073, 66.4457, 70.5462

Sweetspot

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



59.7521, 66.4486, 63.7105



92.7952, 98.9312, 104.5651



62.6707, 66.3661, 63.5407



19.8856, 21.1866, 22.4266



0.0000, 0.0000, 0.0000



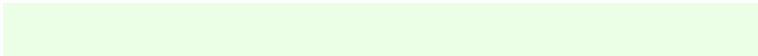
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7521, 66.4486, 63.7105



84.2884, 94.8955, 88.3695



59.2432, 66.1207, 66.6428



13.1557, 14.7450, 13.8783



15.8392, 30.4629, 5.0451



1.1007, 2.0120, 0.3303

Inverse Universe

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



60.3909, 60.0045, 74.0481



85.3942, 83.7370, 106.2698



60.9500, 60.3639, 70.8614



13.3167, 13.1214, 16.4829



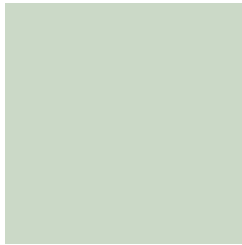
17.5532, 8.1732, 40.3908



1.2084, 0.5662, 2.6200

Previews

White Background



This preview shows how the XYZ color 59.7503, 66.4457, 63.7090 looks on a white background.

Color Contrast Check

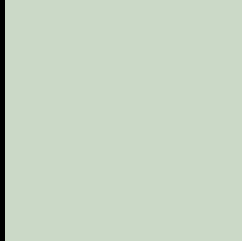
Large Text (above 18pt) WCAG AA × Fail

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 59.7503, 66.4457, 63.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

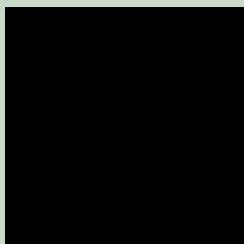
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

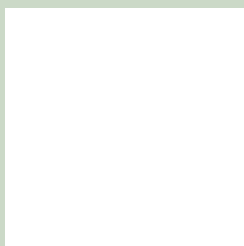
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7503, 66.4457, 63.7090

Background



This preview shows how black text looks on a background with the XYZ color 59.7503, 66.4457, 63.7090.



This preview shows how white text looks on a background with the XYZ color 59.7503, 66.4457,

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

59.7503, 66.4457, 63.7090

Protanopia

63.0225, 66.2881, 61.6978

Deuteranopia

67.2990, 65.8842, 64.4282



Tritanopia

63.9495, 66.6555, 83.6240

Trichromacy



Original Color

59.7503, 66.4457, 63.7090

Protanomaly

61.8562, 66.4205, 62.3836

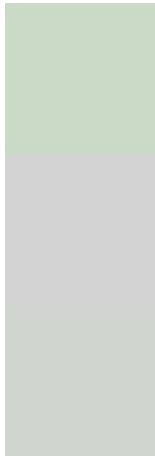
Deuteranomaly

64.2771, 65.7786, 63.9524

Tritanomaly

62.1551, 66.2769, 75.8465

Monochromacy



Original Color

59.7503, 66.4457, 63.7090

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0692, 65.5034, 68.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7503, 66.4457, 63.7090 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(203, 217, 199) looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 199)  
}
```

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(203, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.7503, 66.4457, 63.7090 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(203, 217, 199) }
```


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

```
.border{ border-color:rgb(203, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 217, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 217, 199); box-shadow:4px 4px 4px 4px rgb(203, 217, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7503, 66.4457, 63.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 199) }
```

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

```
.background{ background-color: rgb(203,  
217, 199) }
```

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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