

Converting Colors

XYZ(59.6511, 62.3227, 59.3900)

Have a look what the booklet for
XYZ(59.6511, 62.3227, 59.3900)
contains.

XYZ(59.7213, 62.4399, 59.3565)	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(59.7213, 62.4399,
59.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CEC1
RGB	215, 206, 193
RGB Percent	84%, 81%, 76%
CMY	0.1569, 0.1921, 0.2431
CMYK	0.00, 0.04, 0.10, 0.16
HSL	35°, 22%, 80%
HSV	35°, 10%, 84%
XYZ	59.7213, 62.4399, 59.3565
YIQ	207.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

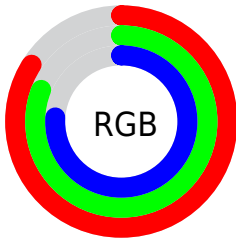
Format	Color
R _Y B	208, 215, 193
Decimal	14143169
CIE Lab	83.15, 0.90, 7.56
CIE LCh	83, 7.615, 83.244
Yxy	62.4399, 0.3290, 0.3440
Android (android.graphics.Color)	4292333249 (0xFFD7CEC1)
YUV	207.2090, -7.0050, 6.8327
Hunter-Lab	79.0189, -3.3755, 10.7765

Details

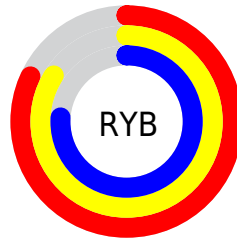
The XYZ color **59.7213, 62.4399, 59.3565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3785, 58.4839, 72.6605**, and the grayscale version is **59.4837, 62.5815, 68.1513**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **30.4591, 31.8235, 29.3481** is the 20% darker color. If you saturate the color by 10%, you get **55.4380, 57.4361, 46.9435**, and if you desaturate by 10%, it is **64.4752, 67.8255, 73.6481**.

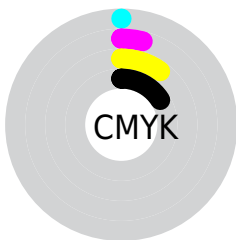
Distribution



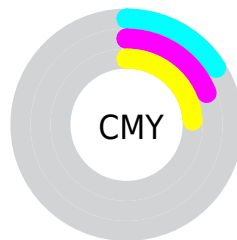
- Red (84%)
- Green (81%)
- Blue (76%)



- Red (82%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7213, 62.4399, 59.3565 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 59.7213, 62.4399, 59.3565 by changing the saturation by 10% instead.

■ 59.7213, 62.4399,
59.3565

■ 59.7213, 62.4399,
59.3565

413.4210,
433.5339, 439.9604

■ 43.4426, 45.3882,
42.4783

■ 103.5339,
108.3611, 105.4298

■ 30.4286, 31.7633,
29.1476

131.7986,
137.9993, 135.4620

■ 20.3138, 21.1808,
18.9460

164.7893,
172.6020, 170.7159

■ 12.7330, 13.2562,
11.4548

202.8714,
212.5533, 211.6101

■ 7.3206, 7.6052,
6.2556

246.4103,
258.2378, 258.5631

■ 3.7115, 3.8434,
2.9298

295.7712,

■ 1.5403, 1.5863,

310.0398, 311.9935

1.0589

351.3197,
368.3437, 372.3197

■ 0.3530, 0.3484,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7213, 62.4399,
59.3565

■ 59.7213, 62.4399,
59.3565

■ 55.4380, 57.4361,
46.9435

■ 64.4752, 67.8255,
73.6481

■ 51.6032, 52.7961,
36.3256

■ 69.7105, 73.5940,
89.8891

■ 48.2006, 48.5122,
27.4188

■ 75.0385, 79.5949,
106.0161

■ 45.2109, 44.5735,
20.1309

■ 77.5810, 84.6799,
106.8636

■ 42.6128, 40.9681,
14.3607

■ 80.2491, 90.0161,
107.7530

■ 40.3830, 37.6833,
9.9958

■ 81.8347, 93.1872,
108.2815

■ 38.4951, 34.7050,
6.9076

■ 36.9179, 32.0171,
4.9436

■ 35.6248, 29.6475,
3.8449

Harmonies

Analogous

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



61.2662, 62.4399, 60.9633



59.7213, 62.4399, 59.3565



58.1040, 62.4399, 59.9747

Triad

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



59.7213, 62.4399, 59.3565



56.4795, 62.4399, 71.6357



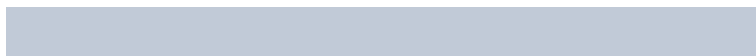
61.9256, 62.4399, 73.5701

Complementary

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



59.7213, 62.4399, 59.3565



55.3785, 58.4839, 72.6605

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.



60.6081, 62.4399, 76.6817



59.7213, 62.4399, 59.3565



57.4688, 62.4399, 75.5292

Square

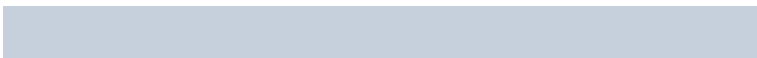
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7213, 62.4399, 59.3565



56.2520, 62.4399, 66.9230



58.9748, 62.4399, 77.4148



62.5540, 62.4399, 69.0611

Rectangle

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



59.7213, 62.4399, 59.3565



57.2001, 62.4399, 61.5800



58.9748, 62.4399, 77.4148



61.5475, 62.4399, 74.8225

Sweetspot

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



59.7230, 62.4426, 59.3578



92.8527, 97.5373, 102.2119



57.7755, 56.8601, 63.9115



19.7510, 20.7380, 21.5044



0.0000, 0.0000, 0.0000



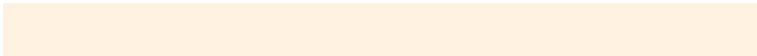
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7230, 62.4426, 59.3578



86.6462, 90.4582, 83.6992



61.4158, 66.6230, 60.0755



13.0273, 13.6287, 13.1047



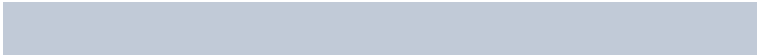
21.4143, 17.9458, 2.3352



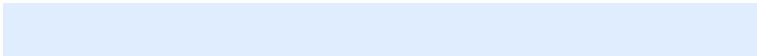
1.3721, 1.2434, 0.1677

Inverse Universe

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



55.3785, 58.4839, 72.6605



79.1736, 83.6492, 106.5808



53.7992, 54.6270, 71.9993



12.1554, 12.8343, 15.7741



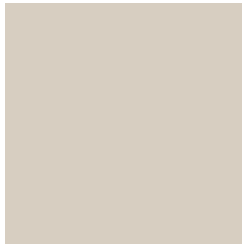
9.5180, 7.2978, 39.3601



0.6544, 0.6008, 2.4008

Previews

White Background



This preview shows how the XYZ color 59.7213, 62.4399, 59.3565 looks on a white background.

Color Contrast Check

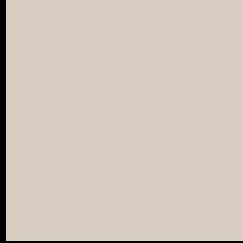
Large Text (above 18pt) WCAG AA × Fail

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 59.7213, 62.4399, 59.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

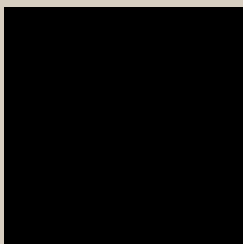
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

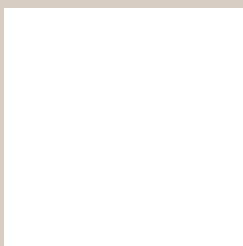
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7213, 62.4399, 59.3565

Background



This preview shows how black text looks on a background with the XYZ color 59.7213, 62.4399, 59.3565.

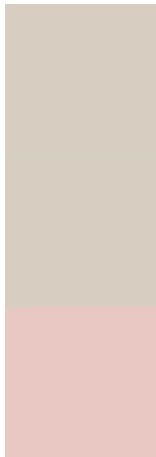


This preview shows how white text looks on a background with the XYZ color 59.7213, 62.4399,

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

59.7213, 62.4399, 59.3565

Protanopia

59.4285, 62.2890, 59.3428

Deuteranopia

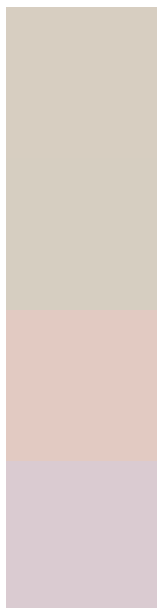
63.6706, 62.3594, 59.7197



Tritanopia

62.9888, 62.3631, 75.0471

Trichromacy



Original Color

59.7213, 62.4399, 59.3565

Protanomaly

59.4285, 62.2890, 59.3428

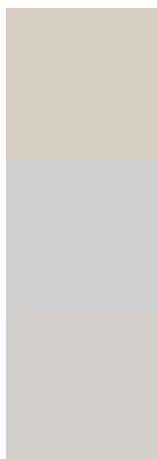
Deuteranomaly

62.2222, 62.3049, 59.7855

Tritanomaly

61.7780, 62.2207, 69.0754

Monochromacy



Original Color

59.7213, 62.4399, 59.3565

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5518, 62.5916, 64.8198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7213, 62.4399, 59.3565 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(215, 206, 193) looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 193)  
}
```

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(215, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.7213, 62.4399, 59.3565 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(215, 206, 193) }
```


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

```
.border{ border-color:rgb(215, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7213, 62.4399, 59.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 193) }
```

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

```
.background{ background-color: rgb(215,  
206, 193) }
```

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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