

Converting Colors

XYZ(61.9793, 65.2999, 65.2146)

Have a look what the booklet for
XYZ(61.9793, 65.2999, 65.2146)
contains.

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Color

**XYZ(61.9793, 65.2999,
65.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D3CA
RGB	215, 211, 202
RGB Percent	84%, 83%, 79%
CMY	0.1569, 0.1725, 0.2078
CMYK	0.00, 0.02, 0.06, 0.16
HSL	42°, 14%, 82%
HSV	42°, 6%, 84%
XYZ	61.9793, 65.2999, 65.2146
YIQ	211.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

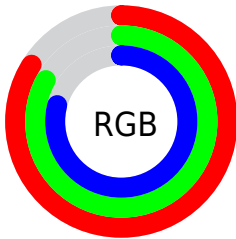
Format	Color
RYB	208, 215, 202
Decimal	14144458
CIELab	84.64, -0.20, 4.93
CIELCh	85, 4.931, 92.338
Yxy	65.2999, 0.3220, 0.3392
Android (android.graphics.Color)	4292334538 (0xFFD7D3CA)
YUV	211.1700, -4.5208, 3.3589
Hunter-Lab	80.8084, -4.5067, 8.7172

Details

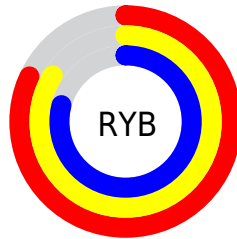
The XYZ color **61.9793, 65.2999, 65.2146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6941, 61.6045, 73.0882**, and the grayscale version is **62.0573, 65.2891, 71.0998**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8995, 33.7256, 32.8454** is the 20% darker color. If you saturate the color by 10%, you get **58.0013, 61.1374, 52.1920**, and if you desaturate by 10%, it is **66.3832, 69.7450, 80.1305**.

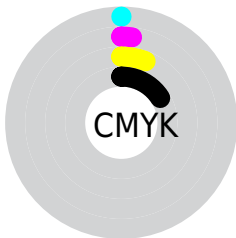
Distribution



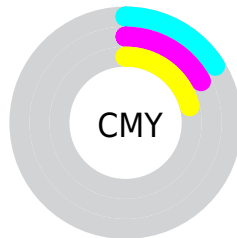
- Red (84%)
- Green (83%)
- Blue (79%)



- Red (82%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9793, 65.2999, 65.2146 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 61.9793, 65.2999, 65.2146 by changing the saturation by 10% instead.

■ 61.9793, 65.2999,
65.2146

■ 61.9793, 65.2999,
65.2146

421.5743,
443.8689, 461.8900

■ 45.2715, 47.7043,
47.1827

106.7857,
112.4809, 113.9746

■ 31.8735, 33.5928,
32.8247

135.6151,
142.8351, 145.5397

■ 21.4200, 22.5809,
21.7222

169.2156,
178.2110, 182.4529

■ 13.5456, 14.2844,
13.4565

207.9528,
218.9929, 225.1328

■ 7.8849, 8.3187,
7.6093

252.1919,
265.5652, 273.9979

■ 4.0725, 4.2996,
3.7618

302.2983,

■ 1.7433, 1.8425,

318.3124, 329.4668

1.4956

358.6373,
377.6188, 391.9580

■ 0.4831, 0.5135,
0.2146

■ 0.0000, 0.0000,
0.0000

■ 61.9793, 65.2999,
65.2146

■ 61.9793, 65.2999,
65.2146

■ 58.0013, 61.1374,
52.1920

■ 66.3832, 69.7450,
80.1305

■ 54.4283, 57.2416,
40.9815

■ 71.2220, 74.4712,
97.0082

■ 51.2459, 53.6073,
31.5021

■ 74.6036, 78.7251,
105.8712

■ 48.4362, 50.2263,
23.6651

■ 76.4867, 82.4913,
106.4989

■ 45.9802, 47.0896,
17.3737

■ 78.4404, 86.3986,
107.1501

■ 43.8568, 44.1872,
12.5210

■ 80.4654, 90.4486,
107.8251

■ 42.0421, 41.5083,
8.9862

■ 81.8347, 93.1873,
108.2815

■ 40.5088, 39.0404,
6.6289

■ 39.2226, 36.7685,
5.2739

Harmonies

Analogous

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



63.0533, 65.2999, 65.8660



61.9793, 65.2999, 65.2146



60.9404, 65.2999, 66.1013

Triad

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



61.9793, 65.2999, 65.2146



60.2945, 65.2999, 74.3923



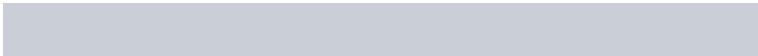
63.9590, 65.2999, 73.9518

Complementary

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



61.9793, 65.2999, 65.2146



58.6941, 61.6045, 73.0882

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.



63.2046, 65.2999, 76.3456



61.9793, 65.2999, 65.2146



61.0882, 65.2999, 76.6052

Square

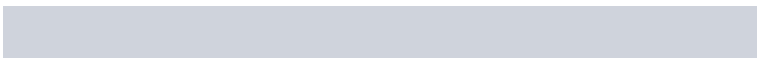
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.9793, 65.2999, 65.2146



59.9749, 65.2999, 71.3480



62.1520, 65.2999, 77.3303



64.2044, 65.2999, 70.8535

Rectangle

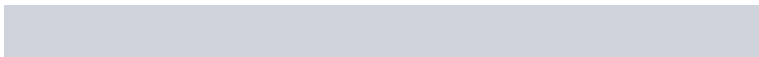
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9793, 65.2999, 65.2146



60.4052, 65.2999, 67.4610



62.1520, 65.2999, 77.3303



63.7561, 65.2999, 74.8686

Sweetspot

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



61.9811, 65.3027, 65.2160



93.7416, 98.6797, 104.4667



60.3005, 61.1510, 67.0929



20.0783, 21.1354, 22.4066



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.



61.9811, 65.3027, 65.2160



90.5825, 95.4522, 93.8856



62.2915, 66.9549, 65.5186



13.3026, 14.0187, 13.6922



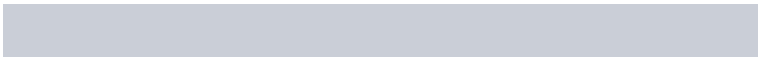
23.2796, 21.6764, 2.9570



1.4759, 1.4510, 0.2023

Inverse Universe

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



58.6941, 61.6045, 73.0882



84.9672, 89.1344, 107.3342



58.3942, 60.0400, 72.8020



12.4235, 13.0296, 15.7977



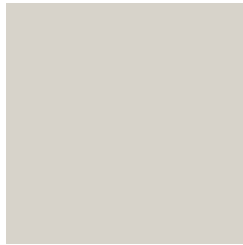
8.5876, 5.4370, 39.0500



0.5906, 0.4732, 2.3795

Previews

White Background



This preview shows how the XYZ color 61.9793, 65.2999, 65.2146 looks on a white background.

Color Contrast Check

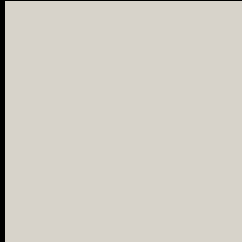
Large Text (above 18pt) WCAG AA × Fail

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 61.9793, 65.2999, 65.2146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

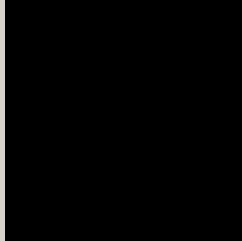
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

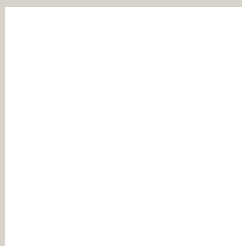
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9793, 65.2999, 65.2146

Background



This preview shows how black text looks on a background with the XYZ color 61.9793, 65.2999, 65.2146.

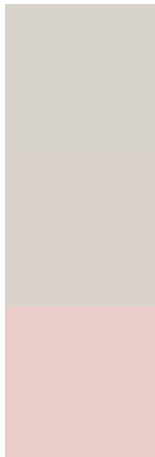


This preview shows how white text looks on a background with the XYZ color 61.9793, 65.2999,

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

61.9793, 65.2999, 65.2146

Protanopia

62.3225, 65.1092, 65.1597

Deuteranopia

66.3040, 64.9900, 65.5496



Tritanopia

64.9239, 65.3990, 79.7224

Trichromacy



Original Color

61.9793, 65.2999, 65.2146

Protanomaly

62.0262, 64.9564, 65.1458

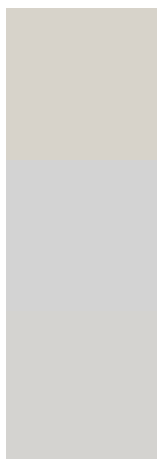
Deuteranomaly

64.7709, 65.2683, 65.6842

Tritanomaly

63.8104, 65.3105, 74.2088

Monochromacy



Original Color

61.9793, 65.2999, 65.2146

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.8308, 65.1396, 68.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9793, 65.2999, 65.2146 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, 211, 202) looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 202)  
}
```

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, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.9793, 65.2999, 65.2146 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, 211, 202) }
```


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

```
.border{ border-color:rgb(215, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9793, 65.2999, 65.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 202) }
```

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

```
.background{ background-color: rgb(215,  
211, 202) }
```

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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