

Converting Colors

XYZ(63.6429, 67.1195, 61.5373)

Have a look what the booklet for
XYZ(63.6429, 67.1195, 61.5373)
contains.

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Color

**XYZ(63.5768, 66.9462,
61.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD5C4
RGB	221, 213, 196
RGB Percent	87%, 84%, 77%
CMY	0.1333, 0.1647, 0.2314
CMYK	0.00, 0.04, 0.11, 0.13
HSL	41°, 27%, 82%
HSV	41°, 11%, 87%
XYZ	63.5768, 66.9462, 61.7956
YIQ	213.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

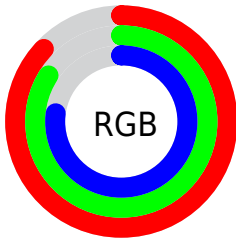
Format	Color
R_{YB}	208, 221, 196
Decimal	14538180
CIE Lab	85.48, -0.12, 9.37
CIE LCh	85, 9.373, 90.750
Yxy	66.9462, 0.3306, 0.3481
Android (android.graphics.Color)	4292728260 (0xFFDDD5C4)
YUV	213.4540, -8.6048, 6.6178
Hunter-Lab	81.8207, -4.4870, 12.4953

Details

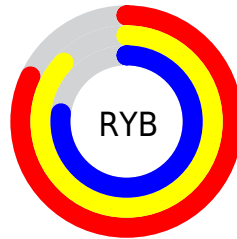
The XYZ color **63.5768, 66.9462, 61.7956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4087, 60.1406, 76.9896**, and the grayscale version is **63.6024, 66.9147, 72.8701**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **32.8352, 34.5137, 30.5224** is the 20% darker color. If you saturate the color by 10%, you get **59.5057, 62.5370, 48.9286**, and if you desaturate by 10%, it is **68.0997, 71.6645, 76.6428**.

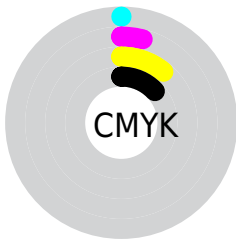
Distribution



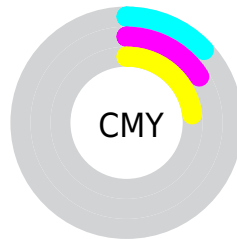
- Red (87%)
- Green (84%)
- Blue (77%)



- Red (82%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5768, 66.9462, 61.7956 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 63.5768, 66.9462, 61.7956 by changing the saturation by 10% instead.

■ 63.5768, 66.9462,
61.7956

■ 63.5768, 66.9462,
61.7956

427.2863,
449.7532, 449.1722

■ 46.5684, 49.0409,
44.4328

109.0784,
114.8433, 108.9988

■ 32.9011, 34.6519,
30.6712

138.3023,
145.6039, 139.6763

■ 22.2096, 23.3949,
20.0923

172.3287,
181.4184, 175.6291

■ 14.1284, 14.8854,
12.2774

211.5230,
222.6712, 217.2758

■ 8.2923, 8.7390,
6.8081

256.2506,
269.7467, 265.0350

■ 4.3360, 4.5713,
3.2657

306.8767,

■ 1.8939, 1.9980,

323.0293, 319.3250

1.2319

363.7668,
382.9033, 380.5646

■ 0.5733, 0.6063,
0.0050

■ 0.0000, 0.0000,
0.0000

■ 63.5768, 66.9462,
61.7956

■ 63.5768, 66.9462,
61.7956

■ 59.5057, 62.5370,
48.9286

■ 68.0997, 71.6645,
76.6428

■ 55.8637, 58.4196,
37.9524

■ 73.0850, 76.6911,
93.5462

■ 52.6344, 54.5882,
28.7766

■ 77.3515, 81.5572,
106.2730

■ 49.7979, 51.0331,
21.3021

■ 79.4065, 85.6672,
106.9580

■ 47.3326, 47.7441,
15.4199

■ 81.5427, 89.9396,
107.6701

■ 45.2145, 44.7098,
11.0084

■ 83.6290, 94.1123,
108.3655

■ 43.4160, 41.9174,
7.9281

■ 41.9044, 39.3522,
6.0123

■ 40.7767, 37.2876,
5.0481

Harmonies

Analogous

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



65.6500, 66.9462, 63.1423



63.5768, 66.9462, 61.7956



61.5618, 66.9462, 63.2818

Triad

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



63.5768, 66.9462, 61.7956



60.1794, 66.9462, 79.0483



67.2664, 66.9462, 78.7681

Complementary

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



63.5768, 66.9462, 61.7956



57.4087, 60.1406, 76.9896

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.



65.7448, 66.9462, 83.4313



63.5768, 66.9462, 61.7956



61.6526, 66.9462, 83.5993

Square

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



63.5768, 66.9462, 61.7956



59.6273, 66.9462, 73.0466



63.6839, 66.9462, 85.2454



67.8087, 66.9462, 72.7397

Rectangle

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



63.5768, 66.9462, 61.7956



60.5150, 66.9462, 65.7295



63.6839, 66.9462, 85.2454



66.8508, 66.9462, 80.5590

Sweetspot

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



63.5786, 66.9491, 61.7970



93.0670, 97.9659, 102.2833



60.4986, 59.2285, 65.5810



19.8089, 20.8538, 21.5237



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.



63.5786, 66.9491, 61.7970



86.2909, 90.8407, 80.2111



64.3866, 70.4252, 62.4254



13.7928, 14.5250, 13.8022



23.7940, 21.8736, 2.9679



1.6180, 1.5701, 0.2178

Inverse Universe

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



57.4087, 60.1406, 76.9896



75.8506, 79.3204, 105.9204



56.6559, 57.0036, 76.4238



12.6769, 13.2936, 16.5499



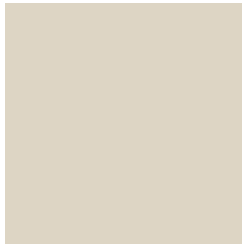
8.9696, 5.8085, 40.3868



0.6575, 0.5291, 2.6419

Previews

White Background



This preview shows how the XYZ color 63.5768, 66.9462, 61.7956 looks on a white background.

Color Contrast Check

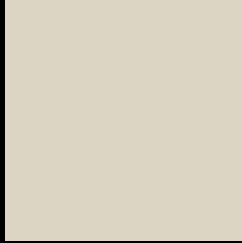
Large Text (above 18pt) WCAG AA × Fail

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 63.5768, 66.9462, 61.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

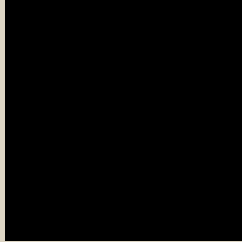
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

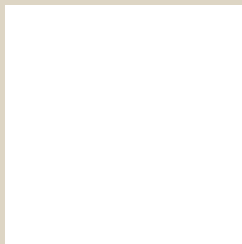
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5768, 66.9462, 61.7956

Background



This preview shows how black text looks on a background with the XYZ color 63.5768, 66.9462, 61.7956.



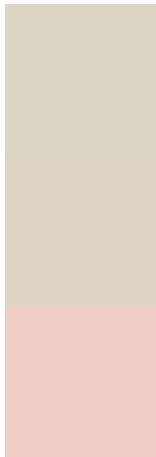
This preview shows how white text looks on a background with the XYZ color 63.5768, 66.9462,

61.7956.

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

63.5768, 66.9462, 61.7956

Protanopia

63.8823, 67.1036, 61.8099

Deuteranopia

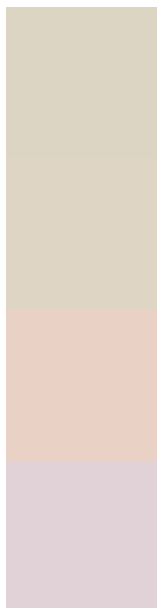
68.0845, 66.6991, 62.1091



Tritanopia

67.4424, 67.0447, 80.6205

Trichromacy



Original Color

63.5768, 66.9462, 61.7956

Protanomaly

63.8823, 67.1036, 61.8099

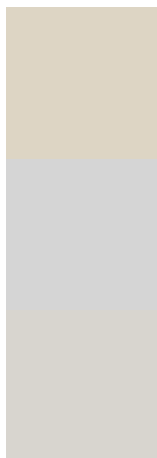
Deuteranomaly

66.4828, 66.9558, 62.2431

Tritanomaly

65.9247, 66.7955, 73.0366

Monochromacy



Original Color

63.5768, 66.9462, 61.7956

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3756, 66.6924, 68.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5768, 66.9462, 61.7956 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(221, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 196)  
}
```

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(221, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 196) }
```

Border

The CSS property to change the border of an element to XYZ 63.5768, 66.9462, 61.7956 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(221, 213, 196) }
```


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

```
.border{ border-color:rgb(221, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 213, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 213, 196); box-shadow:4px 4px 4px 4px rgb(221, 213, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5768, 66.9462, 61.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 196) }
```

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

```
.background{ background-color: rgb(221,  
213, 196) }
```

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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