

Converting Colors

XYZ(61.2988, 64.8936, 67.6875)

Have a look what the booklet for
XYZ(61.2988, 64.8936, 67.6875)
contains.

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Color

**XYZ(61.2988, 64.8936,
67.6875)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D3D3CE |
| RGB | 211, 211, 206 |
| RGB Percent | 83%, 83%, 81% |
| CMY | 0.1725, 0.1725, 0.1922 |
| CMYK | 0.00, 0.00, 0.02, 0.17 |
| HSL | 60°, 5%, 82% |
| HSV | 60°, 2%, 83% |
| XYZ | 61.2988, 64.8936, 67.6875 |
| YIQ | 210.4300, 1.6050, -1.5550 |

Conversions

Conversions Part 2

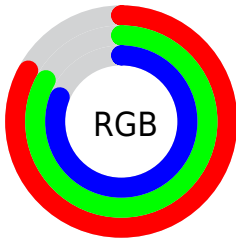
| Format | Color |
|-------------------------------------|--|
| RYB | 206, 211, 206 |
| Decimal | 13882318 |
| CIELab | 84.43, -0.89, 2.46 |
| CIElCh | 84, 2.618, 109.926 |
| Yxy | 64.8936, 0.3162, 0.3347 |
| Android (android.graphics.Color) | 4292072398 (0xFFD3D3CE) |
| YUV | 210.4300, -2.1840, 0.4999 |
| Hunter-Lab | 80.5566, -5.1460, 6.5713 |

Details

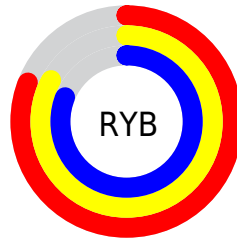
The XYZ color **61.2988, 64.8936, 67.6875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2853, 61.9694, 70.4679**, and the grayscale version is **61.5558, 64.7615, 70.5253**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6291, 33.5490, 34.5143** is the 20% darker color. If you saturate the color by 10%, you get **58.9019, 63.9364, 55.0807**, and if you desaturate by 10%, it is **64.0436, 65.9941, 82.1096**.

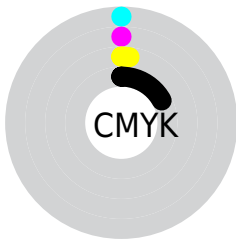
Distribution



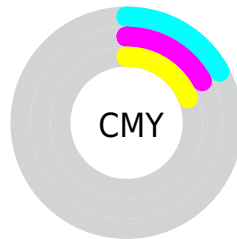
- Red (83%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2988, 64.8936, 67.6875 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 61.2988, 64.8936, 67.6875 by changing the saturation by 10% instead.

■ 61.2988, 64.8936,
67.6875

■ 61.2988, 64.8936,
67.6875

419.1272,
442.4095, 470.9560

■ 44.7198, 47.3748,
49.1784

105.8071,
111.8969, 117.5550

■ 31.4371, 33.3321,
34.3945

134.4672,
142.1501, 149.7504

■ 21.0854, 22.3809,
22.9170

167.8849,
177.4170, 187.3452

■ 13.2993, 14.1371,
14.3275

206.4258,
218.0819, 230.7576

■ 7.7134, 8.2161,
8.2075

250.4551,
264.5292, 280.4064

■ 3.9623, 4.2335,
4.1383

300.3382,

■ 1.6808, 1.8050,

317.1433, 336.7100

1.7015

356.4404,
376.3086, 400.0870

■ 0.4442, 0.4903,
0.3618

■ 0.0000, 0.0000,
0.0000

■ 61.2988, 64.8936,
67.6875

■ 61.2988, 64.8936,
67.6875

■ 58.9019, 63.9364,
55.0807

■ 64.0436, 65.9941,
82.1096

■ 56.8337, 63.1086,
44.2133

■ 67.1435, 67.2346,
98.4106

■ 55.0816, 62.4073,
35.0103

■ 68.2233, 67.6670,
104.0730

■ 53.6300, 61.8261,
27.3896

■ 68.2278, 67.6693,
104.0732

■ 52.4619, 61.3583,
21.2619

■ 68.2323, 67.6716,
104.0734

■ 51.5588, 60.9966,
16.5295

■ 68.2367, 67.6740,
104.0737

■ 50.8998, 60.7325,
13.0827

■ 68.2412, 67.6763,
104.0739

■ 50.4610, 60.5564,
10.7956

■ 68.2457, 67.6786,
104.0741

■ 50.2138, 60.4570,
9.5168

■ 68.2502, 67.6809,
104.0743

Harmonies

Analogous

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



61.8754, 64.8936, 67.5492



61.2988, 64.8936, 67.6875



60.8270, 64.8936, 68.6147

Triad

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



61.2988, 64.8936, 67.6875



60.9618, 64.8936, 73.1392



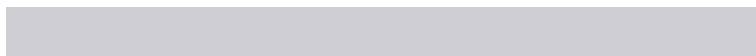
62.7879, 64.8936, 71.2202

Complementary

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



61.2988, 64.8936, 67.6875



59.2853, 61.9694, 70.4679

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.



62.5398, 64.8936, 72.7416



61.2988, 64.8936, 67.6875



61.4839, 64.8936, 73.8610

Square

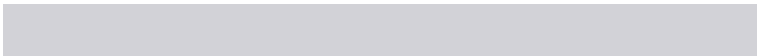
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2988, 64.8936, 67.6875



60.6333, 64.8936, 71.7561



62.0616, 64.8936, 73.7144



62.7375, 64.8936, 69.5714

Rectangle

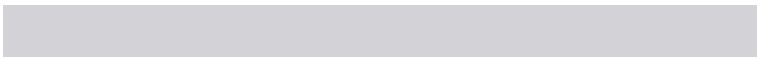
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2988, 64.8936, 67.6875



60.6342, 64.8936, 69.5637



62.0616, 64.8936, 73.7144



62.7365, 64.8936, 71.7639

Sweetspot

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



61.3006, 64.8964, 67.6889



94.6414, 99.8365, 106.7520



60.0779, 62.4493, 67.2810



20.2615, 21.3708, 22.8720



0.0000, 0.0000, 0.0000



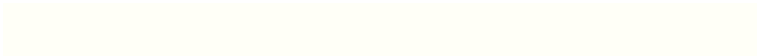
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3006, 64.8964, 67.6889



93.8405, 99.5160, 102.5417



60.5905, 64.5303, 67.6557



13.0966, 13.9149, 14.1458



30.2439, 36.4602, 5.4435



1.6913, 2.0388, 0.3044

Inverse Universe

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



59.2853, 61.9694, 70.4679



89.9012, 93.7947, 107.9736



59.9844, 62.3298, 70.5006



12.4160, 12.9263, 15.0843



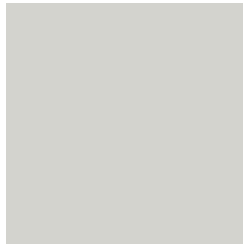
7.0974, 2.8392, 37.3664



0.3971, 0.1589, 2.0893

Previews

White Background



This preview shows how the XYZ color 61.2988, 64.8936, 67.6875 looks on a white background.

Color Contrast Check

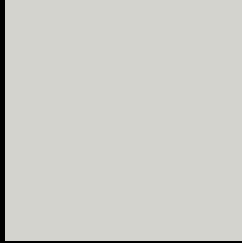
Large Text (above 18pt) WCAG AA × Fail

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 61.2988, 64.8936, 67.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

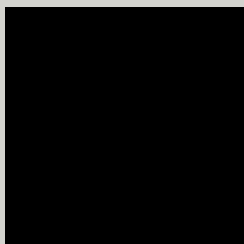
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

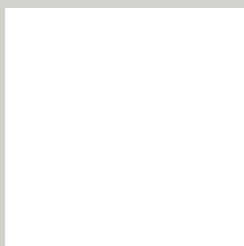
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2988, 64.8936, 67.6875

Background



This preview shows how black text looks on a background with the XYZ color 61.2988, 64.8936, 67.6875.

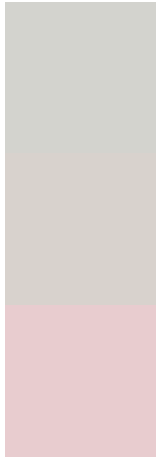


This preview shows how white text looks on a background with the XYZ color 61.2988, 64.8936,

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

61.2988, 64.8936, 67.6875

Protanopia

62.3849, 65.0999, 67.0351

Deuteranopia

66.1341, 64.8465, 68.0625



Tritanopia

63.8780, 64.8441, 80.3836

Trichromacy



Original Color

61.2988, 64.8936, 67.6875

Protanomaly

61.7976, 64.7971, 67.0076

Deuteranomaly

64.3158, 64.9779, 68.1837

Tritanomaly

62.8959, 64.8090, 75.5241

Monochromacy



Original Color

61.2988, 64.8936, 67.6875

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1336, 64.3983, 69.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2988, 64.8936, 67.6875 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(211, 211, 206) looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 206)  
}
```

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(211, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 206) }
```

Border

The CSS property to change the border of an element to XYZ 61.2988, 64.8936, 67.6875 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(211, 211, 206) }
```


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

```
.border{ border-color:rgb(211, 211, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2988, 64.8936, 67.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 206) }
```

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

```
.background{ background-color: rgb(211,  
211, 206) }
```

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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