

Converting Colors

XYZ(62.2989, 66.9991, 61.8284)

Have a look what the booklet for
XYZ(62.2989, 66.9991, 61.8284)
contains.

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Color

**XYZ(62.2886, 67.0335,
61.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D7C4
RGB	215, 215, 196
RGB Percent	84%, 84%, 77%
CMY	0.1569, 0.1568, 0.2314
CMYK	0.00, 0.00, 0.09, 0.16
HSL	60°, 19%, 81%
HSV	60°, 9%, 84%
XYZ	62.2886, 67.0335, 61.8803
YIQ	212.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

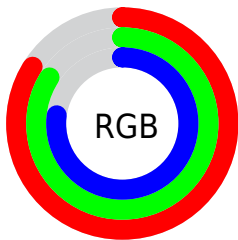
Format	Color
RYB	196, 215, 196
Decimal	14145476
CIELab	85.52, -3.29, 9.37
CIELCh	86, 9.932, 109.323
Yxy	67.0335, 0.3258, 0.3506
Android (android.graphics.Color)	4292335556 (0xFFD7D7C4)
YUV	212.8340, -8.2992, 1.8996
Hunter-Lab	81.8740, -7.4791, 12.5005

Details

The XYZ color **62.2886, 67.0335, 61.8803** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7732, 56.1237, 72.2397**, and the grayscale version is **63.1873, 66.4780, 72.3945**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **31.9505, 34.5682, 30.5795** is the 20% darker color. If you saturate the color by 10%, you get **60.0140, 66.1257, 49.9014**, and if you desaturate by 10%, it is **64.9177, 68.0875, 75.7092**.

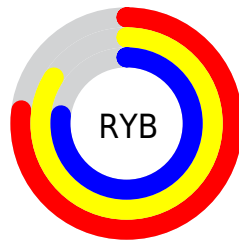
Distribution



Red (84%)

Green (84%)

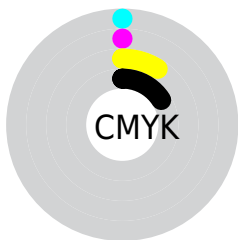
Blue (77%)



Red (77%)

Yellow (84%)

Blue (77%)

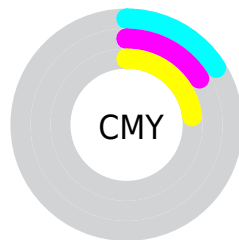


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2886, 67.0335, 61.8803 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 62.2886, 67.0335, 61.8803 by changing the saturation by 10% instead.

■ 62.2886, 67.0335,
61.8803

■ 62.2886, 67.0335,
61.8803

422.6838,
450.0640, 449.4899

■ 45.5224, 49.1119,
44.5008

107.2301,
114.9684, 109.1224

■ 32.0721, 34.7082,
30.7243

136.1362,
145.7505, 139.8222

■ 21.5724, 23.4382,
20.1323

169.8195,
181.5881, 175.7991

■ 13.6579, 14.9174,
12.3062

208.6456,
222.8657, 217.4717

■ 7.9632, 8.7614,
6.8275

252.9797,
269.9677, 265.2585

■ 4.1230, 4.5859,
3.2777

303.1872,

■ 1.7720, 2.0064,

323.2785, 319.5781

1.2381

359.6335,
383.1825, 380.8491

■ 0.5007, 0.6112,
0.0102

■ 0.0000, 0.0000,
0.0000

■ 62.2886, 67.0335,
61.8803

■ 62.2886, 67.0335,
61.8803

■ 60.0140, 66.1257,
49.9014

■ 64.9177, 68.0875,
75.7092

■ 58.0734, 65.3493,
39.6901

■ 67.9096, 69.2844,
91.4574

■ 56.4529, 64.7009,
31.1640

■ 70.3807, 70.2730,
104.4623

■ 55.1352, 64.1737,
24.2325

■ 70.3821, 70.2737,
104.4624

■ 54.1016, 63.7601,
18.7967

■ 70.3835, 70.2745,
104.4625

■ 53.3311, 63.4517,
14.7465

■ 70.3849, 70.2752,
104.4625

■ 52.7999, 63.2391,
11.9567

■ 70.3863, 70.2759,
104.4626

■ 52.4800, 63.1110,
10.2796

■ 70.3877, 70.2767,
104.4627

■ 52.3274, 63.0498,
9.4836

■ 70.3891, 70.2774,
104.4627

Harmonies

Analogous

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



64.5205, 67.0335, 61.4470



62.2886, 67.0335, 61.8803



60.4796, 67.0335, 65.1859

Triad

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



62.2886, 67.0335, 61.8803



60.9274, 67.0335, 82.8219



68.0722, 67.0335, 75.3142

Complementary

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



62.2886, 67.0335, 61.8803



54.7732, 56.1237, 72.2397

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.



67.0604, 67.0335, 81.3893



62.2886, 67.0335, 61.8803



62.9130, 67.0335, 85.8907

Square

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



62.2886, 67.0335, 61.8803



59.7066, 67.0335, 77.1769



65.1596, 67.0335, 85.3514



67.8954, 67.0335, 68.9537

Rectangle

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



62.2886, 67.0335, 61.8803



59.7402, 67.0335, 68.6884



65.1596, 67.0335, 85.3514



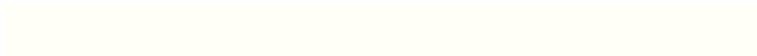
67.8589, 67.0335, 77.4635

Sweetspot

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



62.2904, 67.0364, 61.8817



93.8419, 99.5167, 102.5418



57.7302, 57.9140, 60.3613



20.0187, 21.2737, 21.5937



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.



62.2904, 67.0364, 61.8817



90.8559, 98.3221, 86.8263



59.5817, 65.6400, 61.7550



13.4726, 14.5198, 13.2532



31.2882, 37.7060, 5.6289



1.8872, 2.2743, 0.3395

Inverse Universe

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



54.7732, 56.1237, 72.2397



77.1702, 78.4546, 105.6837



57.3227, 57.4380, 72.3590



11.7429, 12.0089, 15.6365



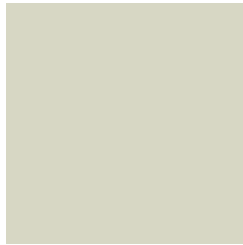
7.3369, 2.9348, 38.6329



0.4426, 0.1771, 2.3302

Previews

White Background



This preview shows how the XYZ color 62.2886, 67.0335, 61.8803 looks on a white background.

Color Contrast Check

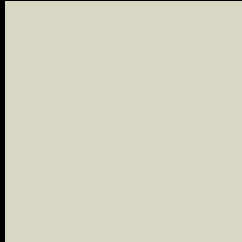
Large Text (above 18pt) WCAG AA × Fail

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 62.2886, 67.0335, 61.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

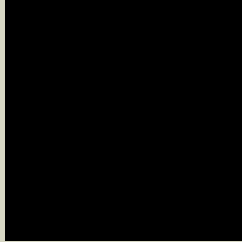
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

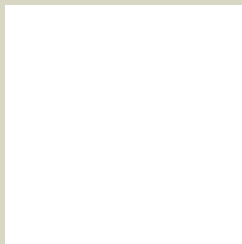
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2886, 67.0335, 61.8803

Background



This preview shows how black text looks on a background with the XYZ color 62.2886, 67.0335, 61.8803.



This preview shows how white text looks on a background with the XYZ color 62.2886, 67.0335,

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

62.2886, 67.0335, 61.8803

Protanopia

63.7688, 67.0582, 61.2123

Deuteranopia

68.1995, 66.7451, 62.7147



Tritanopia

66.1251, 66.6993, 82.0621

Trichromacy



Original Color

62.2886, 67.0335, 61.8803

Protanomaly

63.1103, 67.0933, 61.2538

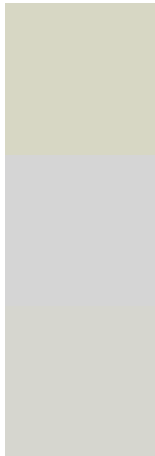
Deuteranomaly

65.8335, 66.6211, 62.2127

Tritanomaly

64.8516, 66.9503, 74.4704

Monochromacy



Original Color

62.2886, 67.0335, 61.8803

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0406, 66.8943, 68.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2886, 67.0335, 61.8803 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, 215, 196) looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 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(215, 215, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.2886, 67.0335, 61.8803 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, 215, 196) }
```


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

```
.border{ border-color:rgb(215, 215, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 215, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 215, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 215, 196); box-shadow:4px 4px 4px 4px rgb(215, 215, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2886, 67.0335, 61.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 196) }
```

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

```
.background{ background-color: rgb(215,  
215, 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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