

Converting Colors

XYZ(62.8883, 68.9124, 65.7126)

Have a look what the booklet for
XYZ(62.8883, 68.9124, 65.7126)
contains.

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Color

**XYZ(62.8562, 68.7762,
65.8394)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBCA
RGB	211, 219, 202
RGB Percent	83%, 86%, 79%
CMY	0.1725, 0.1412, 0.2078
CMYK	0.04, 0.00, 0.08, 0.14
HSL	88°, 19%, 83%
HSV	88°, 8%, 86%
XYZ	62.8562, 68.7762, 65.8394
YIQ	214.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

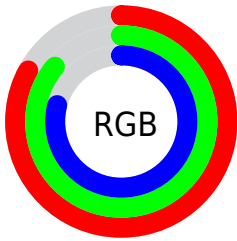
Format	Color
R _Y B	202, 219, 210
Decimal	13884362
CIE Lab	86.39, -5.73, 7.42
CIE LCh	86, 9.372, 127.696
Yxy	68.7762, 0.3183, 0.3483
Android (android.graphics.Color)	4292074442 (0xFFD3DBCA)
YUV	214.6700, -6.2463, -3.2186
Hunter-Lab	82.9314, -9.8395, 10.9816

Details

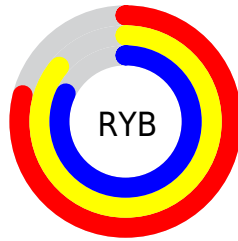
The XYZ color **62.8562, 68.7762, 65.8394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4877, 61.0590, 75.6189**, and the grayscale version is **64.4104, 67.7647, 73.7958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3311, 35.7570, 33.2147** is the 20% darker color. If you saturate the color by 10%, you get **57.5862, 66.3401, 53.0039**, and if you desaturate by 10%, it is **68.6875, 71.4632, 80.6250**.

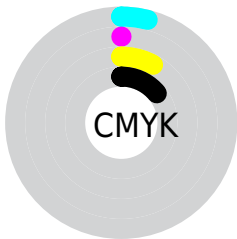
Distribution



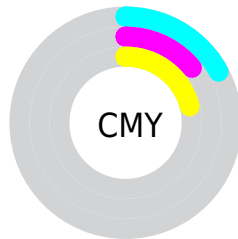
- Red (83%)
- Green (86%)
- Blue (79%)



- Red (79%)
- Yellow (86%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8562, 68.7762, 65.8394 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 62.8562, 68.7762, 65.8394 by changing the saturation by 10% instead.

■ 62.8562, 68.7762,
65.8394

■ 62.8562, 68.7762,
65.8394

424.7154,
456.2412, 464.1908

■ 45.9831, 50.5295,
47.6864

108.0450,
117.4619, 114.8806

■ 32.4370, 35.8343,
33.2204

137.0914,
148.6696, 146.6059

■ 21.8527, 24.3062,
22.0228

170.9263,
184.9664, 183.6923

■ 13.8647, 15.5609,
13.6752

209.9150,
226.7368, 226.5584

■ 8.1077, 9.2140,
7.7589

254.4229,
274.3651, 275.6228

■ 4.2163, 4.8810,
3.8555

304.8154,

■ 1.8252, 2.1776,

328.2356, 331.3040

1.5464

361.4578,
388.7329, 394.0205

■ 0.5328, 0.7078,
0.2522

■ 0.0000, 0.0000,
0.0000

■ 62.8562, 68.7762,
65.8394

■ 62.8562, 68.7762,
65.8394

■ 57.5862, 66.3401,
53.0039

■ 68.6875, 71.4632,
80.6250

■ 52.8528, 64.1379,
42.0326

■ 75.0924, 74.3996,
97.4329

■ 48.6379, 62.1641,
32.8399

■ 79.9762, 76.7503,
105.2068

■ 44.9199, 60.4097,
25.3318

■ 83.6137, 78.6255,
105.3771

■ 41.6753, 58.8649,
19.4055

■ 84.6229, 79.1457,
105.4243

■ 38.8787, 57.5190,
14.9471

■ 36.5014, 56.3600,
11.8272

■ 34.5104, 55.3743,
9.8941

■ 32.8609, 54.5435,
8.9366

Harmonies

Analogous

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



64.8136, 68.7762, 63.6774



62.8562, 68.7762, 65.8394



61.5921, 68.7762, 70.4498

Triad

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



62.8562, 68.7762, 65.8394



63.8020, 68.7762, 86.4707



69.5841, 68.7762, 73.2997

Complementary

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



62.8562, 68.7762, 65.8394



60.4877, 61.0590, 75.6189

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.



69.2988, 68.7762, 79.5037



62.8562, 68.7762, 65.8394



65.9290, 68.7762, 87.3374

Square

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



62.8562, 68.7762, 65.8394



62.1296, 68.7762, 82.4177



67.9494, 68.7762, 84.7246



68.7205, 68.7762, 67.8270

Rectangle

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



62.8562, 68.7762, 65.8394



61.2963, 68.7762, 74.4072



67.9494, 68.7762, 84.7246



69.6197, 68.7762, 75.3660

Sweetspot

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



62.8581, 68.7792, 65.8409



93.3619, 99.2234, 104.5916



62.9068, 65.3871, 65.1836



20.0010, 21.2460, 22.4320



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.



62.8581, 68.7792, 65.8409



87.7092, 96.6174, 90.4074



60.5050, 67.5661, 65.7308



13.5411, 14.9437, 13.8963



19.4118, 32.3047, 5.2123



1.3568, 2.1440, 0.3423

Inverse Universe

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



60.4877, 61.0590, 75.6189



83.8321, 83.9899, 106.4010



62.9525, 62.3297, 75.7343



12.9186, 12.9162, 16.4643



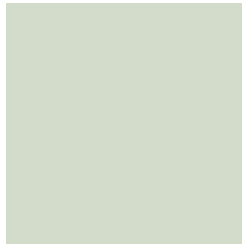
11.0285, 4.8096, 40.0855



0.8134, 0.3626, 2.6016

Previews

White Background



This preview shows how the XYZ color 62.8562, 68.7762, 65.8394 looks on a white background.

Color Contrast Check

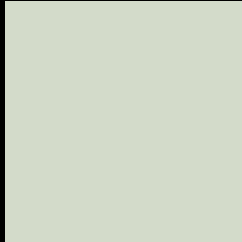
Large Text (above 18pt) WCAG AA × Fail

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 62.8562, 68.7762, 65.8394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

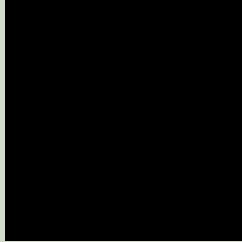
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

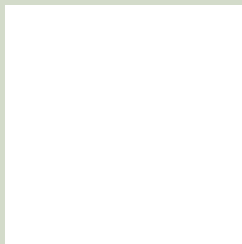
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8562, 68.7762, 65.8394

Background



This preview shows how black text looks on a background with the XYZ color 62.8562, 68.7762, 65.8394.



This preview shows how white text looks on a background with the XYZ color 62.8562, 68.7762,

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

62.8562, 68.7762, 65.8394

Protanopia

65.4662, 68.6183, 64.4378

Deuteranopia

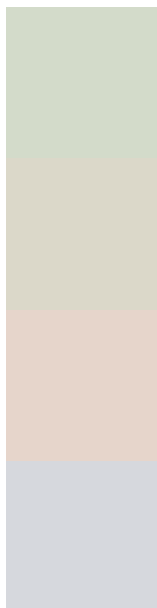
69.9752, 68.6613, 66.6916



Tritanopia

67.1848, 69.0260, 86.1263

Trichromacy



Original Color

62.8562, 68.7762, 65.8394

Protanomaly

64.3119, 68.3888, 65.0691

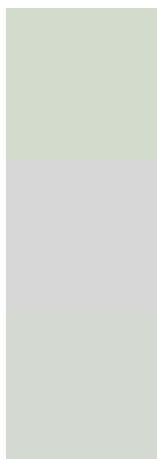
Deuteranomaly

67.2069, 68.7233, 66.2227

Tritanomaly

65.3386, 68.6283, 78.2095

Monochromacy



Original Color

62.8562, 68.7762, 65.8394

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9203, 68.0610, 70.7409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8562, 68.7762, 65.8394 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, 219, 202) looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 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(211, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.8562, 68.7762, 65.8394 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, 219, 202) }
```


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

```
.border{ border-color:rgb(211, 219, 202) }
```

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

Here you see how a box with a 4 pixel rgb(211, 219, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8562, 68.7762, 65.8394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 202) }
```

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

```
.background{ background-color: rgb(211,  
219, 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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