

Converting Colors

XYZ(62.8297, 67.9871, 69.7258)

Have a look what the booklet for
XYZ(62.8297, 67.9871, 69.7258)
contains.

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Color

**XYZ(62.7764, 67.8814,
69.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D9D0
RGB	210, 217, 208
RGB Percent	82%, 85%, 82%
CMY	0.1765, 0.1490, 0.1843
CMYK	0.03, 0.00, 0.04, 0.15
HSL	107°, 11%, 83%
HSV	107°, 4%, 85%
XYZ	62.7764, 67.8814, 69.4683
YIQ	213.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

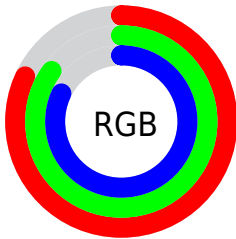
Format	Color
R_{YB}	208, 217, 215
Decimal	13818320
CIE Lab	85.95, -3.99, 3.60
CIE LCh	86, 5.373, 138.001
Yxy	67.8814, 0.3137, 0.3392
Android (android.graphics.Color)	4292008400 (0xFFD2D9D0)
YUV	213.8810, -2.8993, -3.4036
Hunter-Lab	82.3902, -8.1764, 7.6820

Details

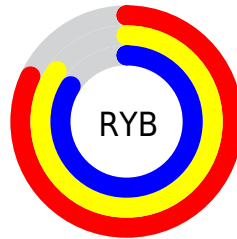
The XYZ color **62.7764, 67.8814, 69.4683** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1072, 64.5704, 74.7863**, and the grayscale version is **63.8576, 67.1832, 73.1625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4634, 35.2417, 35.6632** is the 20% darker color. If you saturate the color by 10%, you get **55.7324, 64.5397, 56.1424**, and if you desaturate by 10%, it is **70.6966, 71.6364, 84.7449**.

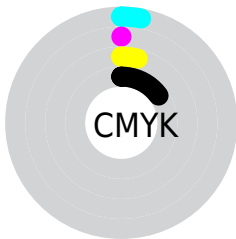
Distribution



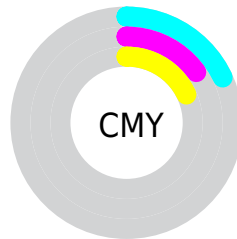
- Red (82%)
- Green (85%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7764, 67.8814, 69.4683 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 62.7764, 67.8814, 69.4683 by changing the saturation by 10% instead.

■ 62.7764, 67.8814,
69.4683

■ 62.7764, 67.8814,
69.4683

424.4301,
453.0757, 477.4195

■ 45.9183, 49.8013,
50.6191

107.9305,
116.1825, 120.1242

■ 32.3857, 35.2555,
35.5309

136.9572,
147.1722, 152.7679

■ 21.8133, 23.8598,
23.7853

170.7708,
183.2338, 190.8469

■ 13.8356, 15.2296,
14.9637

209.7367,
224.7519, 234.7797

■ 8.0873, 8.9807,
8.6476

254.2202,
272.1107, 284.9848

■ 4.2032, 4.7286,
4.4184

304.5867,

■ 1.8177, 2.0889,

325.6947, 341.8808

1.8576

361.2016,
385.8882, 405.8862

■ 0.5283, 0.6584,
0.4655

■ 0.0000, 0.0000,
0.0000

■ 62.7764, 67.8814,
69.4683

■ 62.7764, 67.8814,
69.4683

■ 55.7324, 64.5397,
56.1424

■ 70.6966, 71.6364,
84.7449

■ 49.5284, 61.5886,
44.6844

■ 79.5160, 75.8093,
102.0416

■ 44.1342, 59.0163,
35.0121

■ 84.1042, 78.1083,
105.2514

■ 39.5155, 56.8071,
27.0356

■ 35.6356, 54.9440,
20.6569

■ 32.4544, 53.4090,
15.7684

■ 29.9280, 52.1818,
12.2487

■ 28.0071, 51.2403,
9.9579

■ 26.6344, 50.5585,
8.7256

Harmonies

Analogous

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



63.7906, 67.8814, 67.6509



62.7764, 67.8814, 69.4683



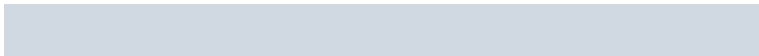
62.2319, 67.8814, 72.5112

Triad

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



62.7764, 67.8814, 69.4683



64.0285, 67.8814, 80.7412



66.7963, 67.8814, 71.8364

Complementary

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



62.7764, 67.8814, 69.4683



63.1072, 64.5704, 74.7863

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.



66.8619, 67.8814, 75.3293



62.7764, 67.8814, 69.4683



65.2534, 67.8814, 80.5465

Square

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



62.7764, 67.8814, 69.4683



62.9486, 67.8814, 79.0636



66.2940, 67.8814, 78.5398



66.1158, 67.8814, 68.9879

Rectangle

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



62.7764, 67.8814, 69.4683



62.2039, 67.8814, 74.8587



66.2940, 67.8814, 78.5398



66.8913, 67.8814, 72.9719

Sweetspot

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



62.7783, 67.8843, 69.4698



93.9161, 99.4626, 106.7181



64.2782, 67.8588, 69.3858



20.1139, 21.2948, 22.8651



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.



62.7783, 67.8843, 69.4698



89.5094, 97.3731, 98.2786



62.5101, 67.7117, 71.0111



13.7609, 15.0322, 15.0269



15.8389, 30.4627, 5.0451



1.1007, 2.0120, 0.3303

Inverse Universe

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



63.1072, 64.5704, 74.7863



90.0823, 91.6000, 107.5405



63.3880, 64.7510, 73.1809



13.8601, 14.0328, 16.6302



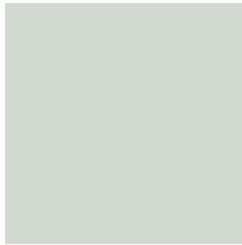
17.5545, 8.1739, 40.3909



1.2085, 0.5662, 2.6200

Previews

White Background



This preview shows how the XYZ color 62.7764, 67.8814, 69.4683 looks on a white background.

Color Contrast Check

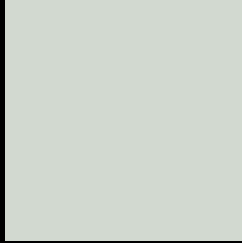
Large Text (above 18pt) WCAG AA × Fail

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 62.7764, 67.8814, 69.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

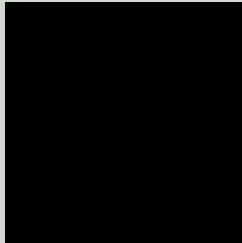
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

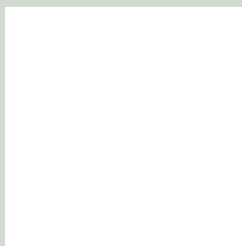
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7764, 67.8814, 69.4683

Background



This preview shows how black text looks on a background with the XYZ color 62.7764, 67.8814, 69.4683.



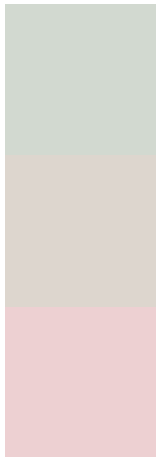
This preview shows how white text looks on a background with the XYZ color 62.7764, 67.8814,

69.4683.

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

62.7764, 67.8814, 69.4683

Protanopia

65.0059, 67.9215, 68.0765

Deuteranopia

69.1138, 67.7694, 70.4109



Tritanopia

66.0611, 68.1024, 84.5262

Trichromacy



Original Color

62.7764, 67.8814, 69.4683

Protanomaly

64.1782, 67.8576, 68.7468

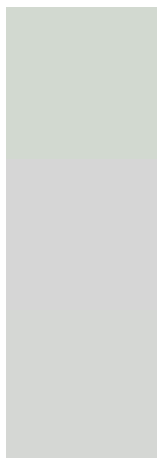
Deuteranomaly

66.4814, 67.5229, 69.8509

Tritanomaly

64.9258, 68.0209, 78.8146

Monochromacy



Original Color

62.7764, 67.8814, 69.4683

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6247, 67.5005, 71.9629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7764, 67.8814, 69.4683 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(210, 217, 208) looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 208)  
}
```

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(210, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 62.7764, 67.8814, 69.4683 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(210, 217, 208) }
```


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

```
.border{ border-color:rgb(210, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7764, 67.8814, 69.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 208) }
```

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

```
.background{ background-color: rgb(210,  
217, 208) }
```

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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