

Converting Colors

XYZ(62.5286, 67.4406, 70.3010)

Have a look what the booklet for
XYZ(62.5286, 67.4406, 70.3010)
contains.

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Color

**XYZ(62.3590, 67.2705,
70.0194)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D8D1
RGB	209, 216, 209
RGB Percent	82%, 85%, 82%
CMY	0.1804, 0.1529, 0.1804
CMYK	0.03, 0.00, 0.03, 0.15
HSL	120°, 8%, 83%
HSV	120°, 3%, 85%
XYZ	62.3590, 67.2705, 70.0194
YIQ	213.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

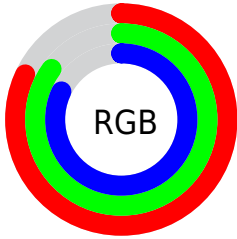
Format	Color
R_{YB}	209, 216, 216
Decimal	13752529
CIE Lab	85.64, -3.64, 2.61
CIE LCh	86, 4.479, 144.321
Yxy	67.2705, 0.3123, 0.3369
Android (android.graphics.Color)	4291942609 (0xFFD1D8D1)
YUV	213.1090, -2.0257, -3.6036
Hunter-Lab	82.0186, -7.8184, 6.7971

Details

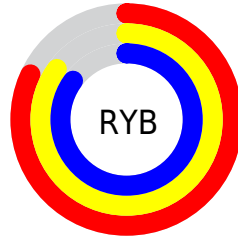
The XYZ color **62.3590, 67.2705, 70.0194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5165, 65.1595, 74.1985**, and the grayscale version is **63.3344, 66.6327, 72.5631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1788, 34.8249, 36.0362** is the 20% darker color. If you saturate the color by 10%, you get **54.1616, 63.3348, 56.6094**, and if you desaturate by 10%, it is **71.7515, 71.7842, 85.3808**.

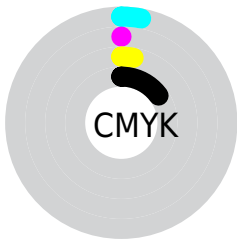
Distribution



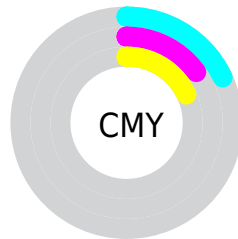
- Red (82%)
- Green (85%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3590, 67.2705, 70.0194 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 62.3590, 67.2705, 70.0194 by changing the saturation by 10% instead.

■ 62.3590, 67.2705,
70.0194

■ 62.3590, 67.2705,
70.0194

422.9361,
450.9070, 479.4091

■ 45.5795, 49.3045,
51.0654

107.3312,
115.3079, 120.9178

■ 32.1174, 34.8611,
35.8836

136.2547,
146.1481, 153.6993

■ 21.6071, 23.5559,
24.0553

169.9569,
182.0485, 191.9271

■ 13.6835, 15.0045,
15.1621

208.8032,
223.3935, 236.0197

■ 7.9811, 8.8225,
8.7853

253.1589,
270.5674, 286.3957

■ 4.1346, 4.6256,
4.5065

303.3894,

■ 1.7785, 2.0293,

323.9547, 343.4735

1.9071

359.8600,
383.9398, 407.6718

■ 0.5047, 0.6244,
0.4973

■ 0.0000, 0.0000,
0.0000

■ 62.3590, 67.2705,
70.0194

■ 62.3590, 67.2705,
70.0194

■ 54.1616, 63.3348,
56.6094

■ 71.7515, 71.7842,
85.3808

■ 47.1059, 59.9456,
45.0686

■ 82.3782, 76.8887,
102.7628

■ 41.1431, 57.0814,
35.3153

■ 83.8472, 77.5943,
105.1657

■ 36.2185, 54.7159,
27.2602

■ 32.2728, 52.8206,
20.8063

■ 29.2407, 51.3641,
15.8467

■ 27.0490, 50.3113,
12.2616

■ 25.6131, 49.6216,
9.9130

■ 24.8311, 49.2459,
8.6337

Harmonies

Analogous

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



63.1344, 67.2705, 68.2471



62.3590, 67.2705, 70.0194



62.0072, 67.2705, 72.6918

Triad

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



62.3590, 67.2705, 70.0194



63.7448, 67.2705, 78.9776



65.7421, 67.2705, 70.9576

Complementary

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



62.3590, 67.2705, 70.0194



63.5165, 65.1595, 74.1985

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.



65.9097, 67.2705, 73.8032



62.3590, 67.2705, 70.0194



64.7496, 67.2705, 78.4835

Square

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



62.3590, 67.2705, 70.0194



62.8018, 67.2705, 77.9031



65.5446, 67.2705, 76.5705



65.0891, 67.2705, 68.7786

Rectangle

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



62.3590, 67.2705, 70.0194



62.0574, 67.2705, 74.6440



65.5446, 67.2705, 76.5705



65.8574, 67.2705, 71.8658

Sweetspot

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



62.3609, 67.2734, 70.0209



93.7102, 99.3564, 106.7085



64.3864, 68.3176, 70.1156



20.0720, 21.2731, 22.8631



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.



62.3609, 67.2734, 70.0209



89.7974, 97.4769, 100.3084



62.7993, 67.4488, 72.3298



13.1044, 14.3004, 14.5738



14.5346, 29.0692, 4.8449



0.8767, 1.7533, 0.2922

Inverse Universe

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



63.5165, 65.1595, 74.1985



91.8819, 93.6639, 107.8439



63.0685, 64.9803, 71.8391



13.4609, 13.6483, 15.8624



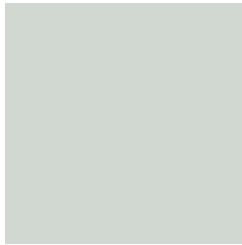
24.0982, 11.5756, 39.4168



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 62.3590, 67.2705, 70.0194 looks on a white background.

Color Contrast Check

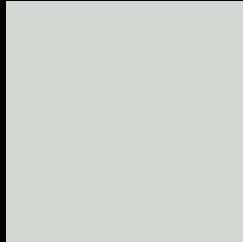
Large Text (above 18pt) WCAG AA × Fail

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 62.3590, 67.2705, 70.0194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

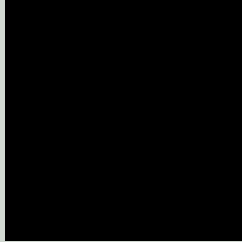
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

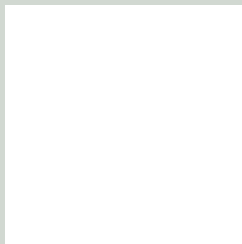
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3590, 67.2705, 70.0194

Background



This preview shows how black text looks on a background with the XYZ color 62.3590, 67.2705, 70.0194.

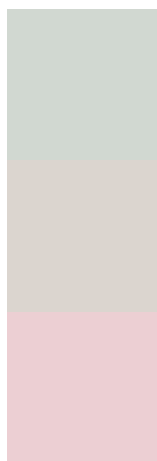


This preview shows how white text looks on a background with the XYZ color 62.3590, 67.2705,

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

62.3590, 67.2705, 70.0194

Protanopia

64.2702, 67.1536, 68.6060

Deuteranopia

68.6628, 67.1617, 70.9726



Tritanopia

65.2286, 67.2987, 84.4149

Trichromacy



Original Color

62.3590, 67.2705, 70.0194

Protanomaly

63.4561, 67.0943, 69.2805

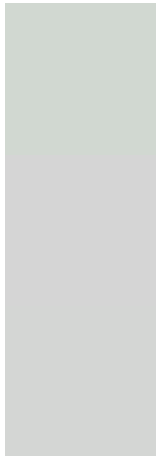
Deuteranomaly

66.0435, 66.9151, 70.4078

Tritanomaly

64.0954, 67.2159, 78.7030

Monochromacy



Original Color

62.3590, 67.2705, 70.0194

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0816, 66.8436, 71.8647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3590, 67.2705, 70.0194 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(209, 216, 209) looks like.

```
.text, #text, p{  
    color:rgb(209, 216, 209)  
}
```

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(209, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 216, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.3590, 67.2705, 70.0194 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(209, 216, 209) }
```


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

```
.border{ border-color:rgb(209, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 216,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3590, 67.2705, 70.0194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 216, 209) }
```

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

```
.background{ background-color: rgb(209,  
216, 209) }
```

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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