

Converting Colors

XYZ(62.9571, 66.4481, 70.2620)

Have a look what the booklet for
XYZ(62.9571, 66.4481, 70.2620)
contains.

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Color

**XYZ(62.8677, 66.3878,
70.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D5D2
RGB	213, 213, 210
RGB Percent	84%, 84%, 82%
CMY	0.1647, 0.1647, 0.1765
CMYK	0.00, 0.00, 0.01, 0.16
HSL	60°, 3%, 83%
HSV	60°, 1%, 84%
XYZ	62.8677, 66.3878, 70.4734
YIQ	212.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

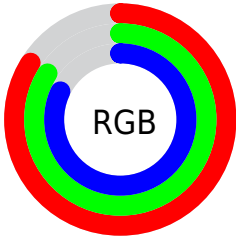
Format	Color
R _Y B	210, 213, 210
Decimal	14013906
CIE Lab	85.19, -0.54, 1.47
CIE LCh	85, 1.564, 110.001
Yxy	66.3878, 0.3148, 0.3324
Android (android.graphics.Color)	4292203986 (0xFFD5D5D2)
YUV	212.6580, -1.3104, 0.2999
Hunter-Lab	81.4787, -4.8599, 5.7534

Details

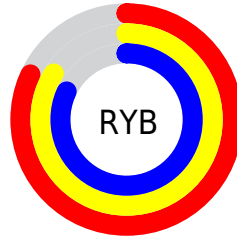
The XYZ color **62.8677, 66.3878, 70.4734** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6377, 64.6007, 72.1748**, and the grayscale version is **63.0271, 66.3094, 72.2109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3282, 34.1231, 36.3350** is the 20% darker color. If you saturate the color by 10%, you get **60.3816, 65.3946, 57.4141**, and if you desaturate by 10%, it is **65.7108, 67.5281, 85.3960**.

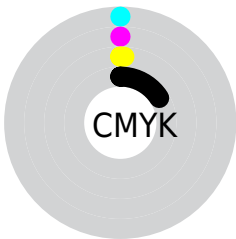
Distribution



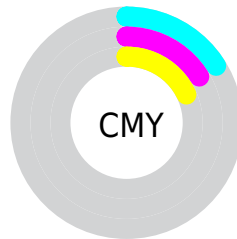
- Red (84%)
- Green (84%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8677, 66.3878, 70.4734 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 62.8677, 66.3878, 70.4734 by changing the saturation by 10% instead.

■ 62.8677, 66.3878,
70.4734

■ 62.8677, 66.3878,
70.4734

424.7565,
447.7625, 481.0444

■ 45.9924, 48.5873,
51.4334

108.0615,
114.0428, 121.5710

■ 32.4444, 34.2922,
36.1745

137.1108,
144.6660, 154.4658

■ 21.8584, 23.1182,
24.2782

170.9487,
180.3322, 192.8158

■ 13.8689, 14.6808,
15.3260

209.9407,
221.4259, 237.0396

■ 8.1106, 8.5957,
8.8994

254.4521,
268.3313, 287.5559

■ 4.2182, 4.4784,
4.5797

304.8483,

■ 1.8263, 1.9446,

321.4330, 344.7831

1.9484

361.4947,
381.1153, 409.1397

■ 0.5335, 0.5750,
0.5233

■ 0.0000, 0.0000,
0.0000

■ 62.8677, 66.3878,
70.4734

■ 62.8677, 66.3878,
70.4734

■ 60.3816, 65.3946,
57.4141

■ 65.7108, 67.5281,
85.3960

■ 58.2331, 64.5343,
46.1408

■ 68.9184, 68.8120,
102.2465

■ 56.4093, 63.8038,
36.5772

■ 69.3099, 68.9695,
104.2672

■ 54.8943, 63.1969,
28.6399

■ 69.3177, 68.9735,
104.2675

■ 53.6709, 62.7067,
22.2385

■ 69.3255, 68.9775,
104.2679

■ 52.7204, 62.3256,
17.2737

■ 69.3333, 68.9815,
104.2683

■ 52.0216, 62.0452,
13.6346

■ 69.3410, 68.9855,
104.2686

■ 51.5505, 61.8558,
11.1941

■ 69.3488, 68.9896,
104.2690

■ 51.2781, 61.7460,
9.8006

■ 69.3566, 68.9936,
104.2693

Harmonies

Analogous

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



63.2176, 66.3878, 70.3872



62.8677, 66.3878, 70.4734



62.5810, 66.3878, 71.0425

Triad

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



62.8677, 66.3878, 70.4734



62.6643, 66.3878, 73.7847



63.7705, 66.3878, 72.6231

Complementary

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



62.8677, 66.3878, 70.4734



61.6377, 64.6007, 72.1748

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.



63.6211, 66.3878, 73.5420



62.8677, 66.3878, 70.4734



62.9818, 66.3878, 74.2167

Square

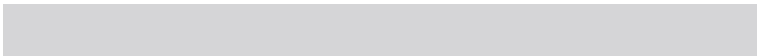
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.8677, 66.3878, 70.4734



62.4638, 66.3878, 72.9521



63.3321, 66.3878, 74.1274



63.7397, 66.3878, 71.6221

Rectangle

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



62.8677, 66.3878, 70.4734



62.4638, 66.3878, 71.6221



63.3321, 66.3878, 74.1274



63.7397, 66.3878, 72.9520

Sweetspot

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



62.8696, 66.3907, 70.4748

95.0500, 100.0000, 108.9000



62.1221, 64.8941, 70.2254



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



62.8696, 66.3907, 70.4748



94.2373, 99.6746, 104.6326



62.4370, 66.1677, 70.4546



13.8909, 14.6871, 15.4561



31.2497, 37.6862, 5.6271



1.8853, 2.2733, 0.3394

Inverse Universe

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



61.6377, 64.6007, 72.1748



91.5954, 95.8358, 108.2783



62.0663, 64.8216, 72.1948



13.5275, 14.1591, 15.9575



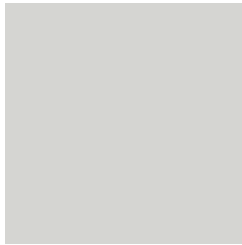
7.3391, 2.9359, 38.6330



0.4432, 0.1774, 2.3302

Previews

White Background



This preview shows how the XYZ color 62.8677, 66.3878, 70.4734 looks on a white background.

Color Contrast Check

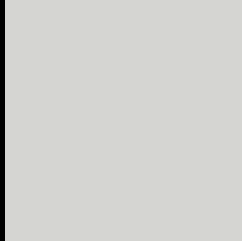
Large Text (above 18pt) WCAG AA × Fail

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 62.8677, 66.3878, 70.4734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

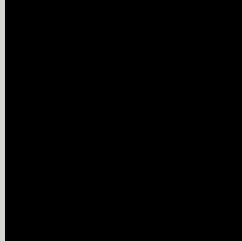
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

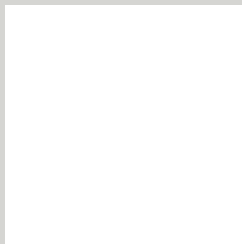
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8677, 66.3878, 70.4734

Background



This preview shows how black text looks on a background with the XYZ color 62.8677, 66.3878, 70.4734.

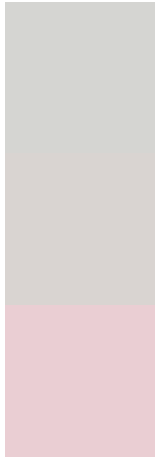


This preview shows how white text looks on a background with the XYZ color 62.8677, 66.3878,

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

62.8677, 66.3878, 70.4734

Protanopia

63.6674, 66.4421, 69.7906

Deuteranopia

67.7609, 66.3382, 70.8612



Tritanopia

65.2306, 66.2382, 82.0203

Trichromacy



Original Color

62.8677, 66.3878, 70.4734

Protanomaly

63.3710, 66.2893, 69.7767

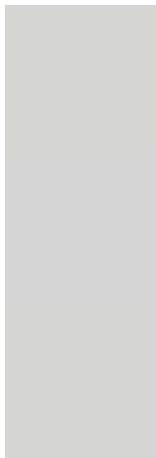
Deuteranomaly

65.9224, 66.4728, 70.9841

Tritanomaly

64.3697, 66.2561, 77.8027

Monochromacy



Original Color

62.8677, 66.3878, 70.4734

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1185, 66.4881, 71.7941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8677, 66.3878, 70.4734 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(213, 213, 210) looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 210)  
}
```

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(213, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 210) }
```

Border

The CSS property to change the border of an element to XYZ 62.8677, 66.3878, 70.4734 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(213, 213, 210) }
```

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

```
.border{ border-color:rgb(213, 213, 210) }
```

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

Here you see how a box with a 4 pixel rgb(213, 213, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
210) }
```


Background

The CSS property to change the background color of an element to XYZ 62.8677, 66.3878, 70.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 210) }
```

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

```
.background{ background-color: rgb(213,  
213, 210) }
```

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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