

# Converting Colors

XYZ(62.5029, 65.5542, 70.6897)

Have a look what the booklet for  
XYZ(62.5029, 65.5542, 70.6897)  
contains.

<b>XYZ(62.4927, 65.4378, 70.9651)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**XYZ(62.4927, 65.4378,  
70.9651)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5D3D3
RGB	213, 211, 211
RGB Percent	84%, 83%, 83%
CMY	0.1647, 0.1725, 0.1725
CMYK	0.00, 0.01, 0.01, 0.16
HSL	0°, 2%, 83%
HSV	0°, 1%, 84%
XYZ	62.4927, 65.4378, 70.9651
YIQ	211.5980, 1.1920, 0.4240

# Conversions

## Conversions Part 2

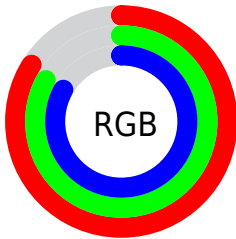
Format	Color
R <sub>Y</sub> B	213, 211, 211
Decimal	14013395
CIE Lab	84.71, 0.69, 0.23
CIE LCh	85, 0.726, 18.664
Yxy	65.4378, 0.3142, 0.3290
Android (android.graphics.Color)	4292203475 (0xFFD5D3D3)
YUV	211.5980, -0.2948, 1.2296
Hunter-Lab	80.8936, -3.6674, 4.6125

# Details

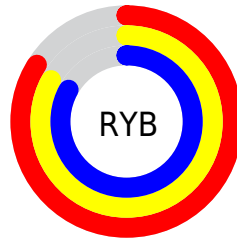
The XYZ color **62.4927, 65.4378, 70.9651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6685, 66.2407, 72.4344**, and the grayscale version is **62.3154, 65.5607, 71.3956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2433, 33.8174, 36.7263** is the 20% darker color. If you saturate the color by 10%, you get **55.0604, 54.5665, 56.1747**, and if you desaturate by 10%, it is **70.9813, 77.8537, 87.8549**.

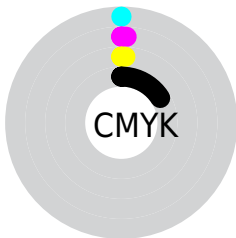
# Distribution



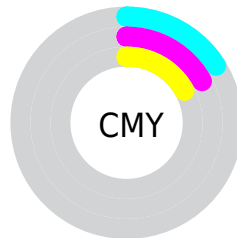
- Red (84%)
- Green (83%)
- Blue (83%)



- Red (84%)
- Yellow (83%)
- Blue (83%)



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



- Cyan (16%)
- Magenta (17%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4927, 65.4378, 70.9651 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 62.4927, 65.4378, 70.9651 by changing the saturation by 10% instead.



■ 62.4927, 65.4378,  
70.9651

■ 62.4927, 65.4378,  
70.9651

423.4150,  
444.3636, 482.8118

■ 45.6880, 47.8162,  
51.8321

107.5232,  
112.6790, 122.2780

■ 32.2033, 33.6813,  
36.4899

136.4798,  
143.0674, 155.2950

■ 21.6731, 22.6489,  
24.5201

170.2177,  
178.4802, 193.7770

■ 13.7322, 14.3345,  
15.5041

209.1024,  
219.3018, 238.1426

■ 8.0151, 8.3537,  
9.0234

253.4990,  
265.9165, 288.8103

■ 4.1565, 4.3221,  
4.6594

303.7731,

■ 1.7910, 1.8553,

318.7088, 346.1988

1.9936

360.2900,  
378.0630, 410.7264

■ 0.5123, 0.5213,  
0.5514

■ 0.0000, 0.0000,  
0.0000

■ 62.4927, 65.4378,  
70.9651

■ 62.4927, 65.4378,  
70.9651

■ 55.0604, 54.5665,  
56.1747

■ 70.9813, 77.8537,  
87.8549

■ 48.6377, 45.1714,  
43.3976

■ 80.5595, 91.8623,  
106.9172

■ 43.1830, 37.1913,  
32.5480

■ 81.2510, 92.8863,  
108.2542

■ 38.6492, 30.5578,  
23.5326

■ 34.9855, 25.1967,  
16.2500

■ 32.1363, 21.0265,  
10.5891

■ 30.0395, 17.9566,  
6.4259

■ 28.6239, 15.8830,  
3.6185

■ 27.8050, 14.6822,  
1.9981

# Harmonies

## Analogous

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



62.5031, 65.4378, 71.4264



62.4927, 65.4378, 70.9651



62.4029, 65.4378, 70.5819

# Triad

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



62.4927, 65.4378, 70.9651



61.9627, 65.4378, 70.6622



62.1354, 65.4378, 72.1303

# Complementary

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



62.4927, 65.4378, 70.9651



62.6685, 66.2407, 72.4344

# 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.



61.9908, 65.4378, 71.9236



62.4927, 65.4378, 70.9651



61.8913, 65.4378, 71.0752

# Square

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



62.4927, 65.4378, 70.9651



62.0969, 65.4378, 70.4075



61.9016, 65.4378, 71.5369



62.2966, 65.4378, 72.1005



# Rectangle

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



62.4927, 65.4378, 70.9651



62.3102, 65.4378, 70.4216



61.9016, 65.4378, 71.5369



62.0832, 65.4378, 72.0861

# Sweetspot

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



62.4946, 65.4406, 70.9665

95.0500, 100.0000, 108.9000



62.7460, 65.5398, 72.2950



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.



62.4946, 65.4406, 70.9665



93.8354, 98.2235, 106.4832



62.7429, 65.9372, 71.0493



13.8357, 14.4877, 15.7108



16.7652, 8.6476, 0.7855



1.0118, 0.5229, 0.0476



# Inverse Universe

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



62.6685, 66.2407, 72.4344



94.1166, 99.5167, 108.8559



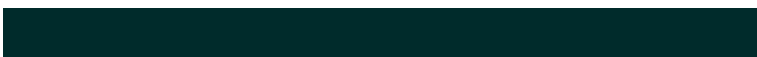
62.4187, 65.7410, 72.3511



13.8743, 14.6655, 16.0370



21.8140, 31.8899, 43.4588

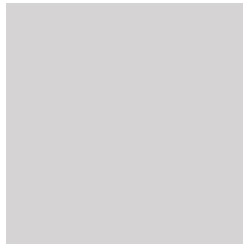


1.3163, 1.9247, 2.6214



# Previews

## White Background



This preview shows how the XYZ color 62.4927, 65.4378, 70.9651 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 62.4927, 65.4378, 70.9651 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

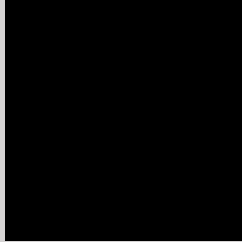
Any Text WCAG AAA ✓ Pass

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

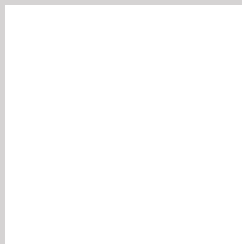


# XYZ 62.4927, 65.4378, 70.9651

## Background



This preview shows how black text looks on a background with the XYZ color 62.4927, 65.4378, 70.9651.



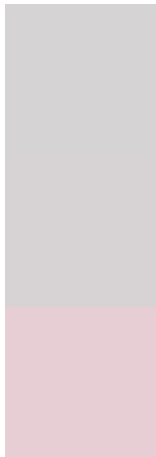
This preview shows how white text looks on a background with the XYZ color 62.4927, 65.4378, 70.9651.



# 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

62.4927, 65.4378, 70.9651

### Protanopia

62.8288, 65.2434, 70.9098

### Deuteranopia

66.6700, 65.4050, 71.3979



## Tritanopia

64.4154, 65.4842, 80.4788

# Trichromacy



## Original Color

62.4927, 65.4378, 70.9651

## Protanomaly

62.5360, 65.0925, 70.8961

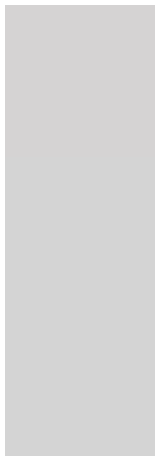
## Deuteranomaly

64.9370, 65.2264, 71.4548

## Tritanomaly

63.6964, 65.5566, 77.0067

# Monochromacy



## Original Color

62.4927, 65.4378, 70.9651

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

62.5785, 65.8375, 71.6970

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.4927, 65.4378, 70.9651 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, 211, 211) looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 211)  
}
```

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, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 62.4927, 65.4378, 70.9651 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, 211, 211) }
```

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

```
.border{ border-color:rgb(213, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
211) }
```



# Background

The CSS property to change the background color of an element to XYZ 62.4927, 65.4378, 70.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 211) }
```

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

```
.background{ background-color: rgb(213,  
211, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor