

Converting Colors

XYZ(62.8269, 66.2579, 71.0893)

Have a look what the booklet for
XYZ(62.8269, 66.2579, 71.0893)
contains.

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Color

**XYZ(62.9927, 66.4378,
71.1317)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D5D3
RGB	213, 213, 211
RGB Percent	84%, 84%, 83%
CMY	0.1647, 0.1647, 0.1725
CMYK	0.00, 0.00, 0.01, 0.16
HSL	60°, 2%, 83%
HSV	60°, 1%, 84%
XYZ	62.9927, 66.4378, 71.1317
YIQ	212.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

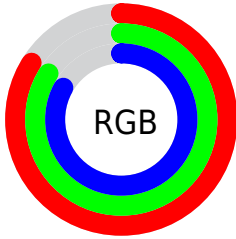
Format	Color
R _Y B	211, 213, 211
Decimal	14013907
CIE Lab	85.22, -0.36, 0.98
CIE LCh	85, 1.040, 110.025
Yxy	66.4378, 0.3141, 0.3313
Android (android.graphics.Color)	4292203987 (0xFFD5D5D3)
YUV	212.7720, -0.8736, 0.2000
Hunter-Lab	81.5094, -4.6917, 5.3153

Details

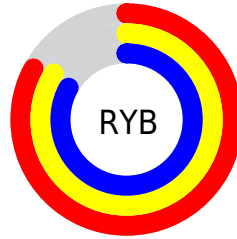
The XYZ color **62.9927, 66.4378, 71.1317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1710, 65.2433, 72.2707**, and the grayscale version is **63.1005, 66.3866, 72.2950**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4132, 34.1571, 36.7829** is the 20% darker color. If you saturate the color by 10%, you get **60.4864, 65.4360, 57.9865**, and if you desaturate by 10%, it is **65.8567, 67.5869, 86.1436**.

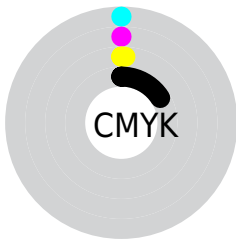
Distribution



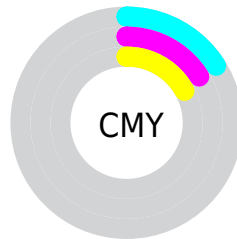
- Red (84%)
- Green (84%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9927, 66.4378, 71.1317 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 62.9927, 66.4378, 71.1317 by changing the saturation by 10% instead.

■ 62.9927, 66.4378,
71.1317

■ 62.9927, 66.4378,
71.1317

425.2031,
447.9410, 483.4098

■ 46.0939, 48.6279,
51.9672

108.2409,
114.1145, 122.5174

■ 32.5249, 34.3244,
36.5969

137.3209,
144.7500, 155.5757

■ 21.9202, 23.1429,
24.6022

171.1922,
180.4295, 194.1024

■ 13.9146, 14.6991,
15.5646

210.2199,
221.5375, 238.5159

■ 8.1426, 8.6085,
9.0656

254.7695,
268.4582, 289.2349

■ 4.2389, 4.4867,
4.6866

305.2064,

■ 1.8381, 1.9494,

321.5761, 346.6778

2.0091

361.8958,
381.2755, 411.2633

■ 0.5405, 0.5778,
0.5608

■ 0.0000, 0.0000,
0.0000

■ 62.9927, 66.4378,
71.1317

■ 62.9927, 66.4378,
71.1317

■ 60.4864, 65.4360,
57.9865

■ 65.8567, 67.5869,
86.1436

■ 58.3184, 64.5675,
46.6307

■ 69.0857, 68.8798,
103.0865

■ 56.4757, 63.8291,
36.9885

■ 69.3217, 68.9756,
104.2677

■ 54.9426, 63.2145,
28.9767

■ 69.3334, 68.9816,
104.2683

■ 53.7021, 62.7169,
22.5051

■ 69.3451, 68.9876,
104.2688

■ 52.7353, 62.3288,
17.4751

■ 69.3569, 68.9937,
104.2694

■ 52.0213, 62.0419,
13.7762

■ 69.3686, 68.9997,
104.2699

■ 51.5361, 61.8465,
11.2825

■ 69.3803, 69.0058,
104.2705

■ 51.2513, 61.7312,
9.8435

■ 69.3921, 69.0118,
104.2710

Harmonies

Analogous

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



63.2254, 66.4378, 71.0738



62.9927, 66.4378, 71.1317



62.8019, 66.4378, 71.5121

Triad

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



62.9927, 66.4378, 71.1317



62.8576, 66.4378, 73.3346



63.5927, 66.4378, 72.5636

Complementary

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



62.9927, 66.4378, 71.1317



62.1710, 65.2433, 72.2707

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.



63.4937, 66.4378, 73.1732



62.9927, 66.4378, 71.1317



63.0690, 66.4378, 73.6201

Square

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



62.9927, 66.4378, 71.1317



62.7240, 66.4378, 72.7830



63.3018, 66.4378, 73.5608



63.5722, 66.4378, 71.8977

Rectangle

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



62.9927, 66.4378, 71.1317



62.7239, 66.4378, 71.8988



63.3018, 66.4378, 73.5608



63.5723, 66.4378, 72.7820

Sweetspot

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



62.9946, 66.4407, 71.1331

95.0500, 100.0000, 108.9000



62.4948, 65.4394, 70.9662



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.



62.9946, 66.4407, 71.1331



94.6403, 99.8359, 106.7520



62.7059, 66.2919, 71.1196



13.9463, 14.7093, 15.7477



31.2261, 37.6740, 5.6260



1.8842, 2.2727, 0.3394

Inverse Universe

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



62.1710, 65.2433, 72.2707



93.3117, 97.9043, 108.5871



62.4579, 65.3912, 72.2841



13.7637, 14.4438, 16.0000



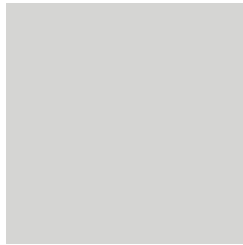
7.3404, 2.9366, 38.6331



0.4435, 0.1775, 2.3302

Previews

White Background



This preview shows how the XYZ color 62.9927, 66.4378, 71.1317 looks on a white background.

Color Contrast Check

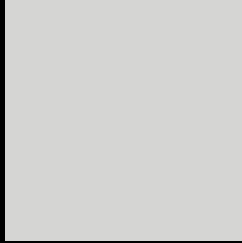
Large Text (above 18pt) WCAG AA × Fail

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 62.9927, 66.4378, 71.1317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

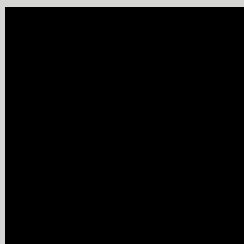
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

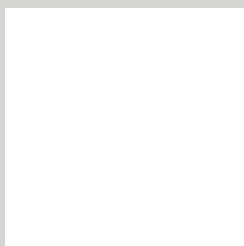
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9927, 66.4378, 71.1317

Background



This preview shows how black text looks on a background with the XYZ color 62.9927, 66.4378, 71.1317.

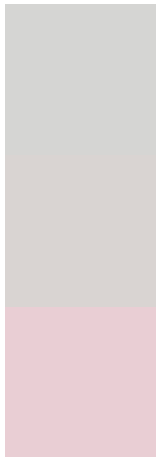


This preview shows how white text looks on a background with the XYZ color 62.9927, 66.4378,

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

62.9927, 66.4378, 71.1317

Protanopia

63.7916, 66.4918, 70.4448

Deuteranopia

67.5592, 66.2197, 71.5083



Tritanopia

65.1837, 66.5817, 82.0890

Trichromacy



Original Color

62.9927, 66.4378, 71.1317

Protanomaly

63.4952, 66.3390, 70.4309

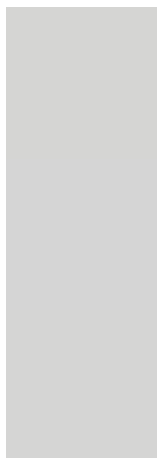
Deuteranomaly

66.0482, 66.5231, 71.6465

Tritanomaly

64.3262, 66.6036, 77.8720

Monochromacy



Original Color

62.9927, 66.4378, 71.1317

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 62.9927, 66.4378, 71.1317 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 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, 213, 211) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 62.9927, 66.4378, 71.1317 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, 211) }
```

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

```
.border{ border-color:rgb(213, 213, 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, 213, 211) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 62.9927, 66.4378, 71.1317 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, 211) }
```

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

```
.background{ background-color: rgb(213,  
213, 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](#).

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