

Converting Colors

XYZ(62.6695, 65.7349, 71.2425)

Have a look what the booklet for
XYZ(62.6695, 65.7349, 71.2425)
contains.

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Color

**XYZ(62.7419, 65.9362,
71.0481)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D4D3
RGB	213, 212, 211
RGB Percent	84%, 83%, 83%
CMY	0.1647, 0.1686, 0.1725
CMYK	0.00, 0.00, 0.01, 0.16
HSL	30°, 2%, 83%
HSV	30°, 1%, 84%
XYZ	62.7419, 65.9362, 71.0481
YIQ	212.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

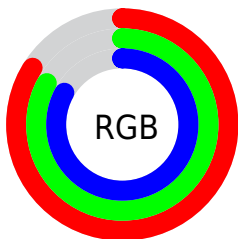
Format	Color
R _Y B	213, 213, 211
Decimal	14013651
CIE Lab	84.96, 0.17, 0.60
CIE LCh	85, 0.627, 74.688
Yxy	65.9362, 0.3141, 0.3301
Android (android.graphics.Color)	4292203731 (0xFFD5D4D3)
YUV	212.1850, -0.5842, 0.7148
Hunter-Lab	81.2011, -4.1798, 4.9641

Details

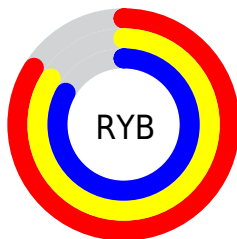
The XYZ color **62.7419, 65.9362, 71.0481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4177, 65.7391, 72.3509**, and the grayscale version is **62.7072, 65.9729, 71.8444**.

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 **57.6811, 59.8079, 57.0482**, and if you desaturate by 10%, it is **68.3347, 72.5604, 86.9727**.

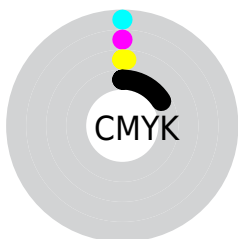
Distribution



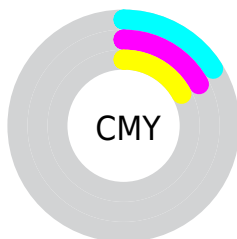
- Red (84%)
- Green (83%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7419, 65.9362, 71.0481 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 62.7419, 65.9362, 71.0481 by changing the saturation by 10% instead.

■ 62.7419, 65.9362,
71.0481

■ 62.7419, 65.9362,
71.0481

424.3067,
446.1487, 483.1098

■ 45.8903, 48.2206,
51.8994

107.8810,
113.3948, 122.3973

■ 32.3635, 34.0016,
36.5432

136.8992,
143.9065, 155.4349

■ 21.7962, 22.8948,
24.5610

170.7036,
179.4525, 193.9391

■ 13.8230, 14.5159,
15.5342

209.6596,
220.4170, 238.3286

■ 8.0785, 8.4803,
9.0444

254.1326,
267.1845, 289.0219

■ 4.1975, 4.4038,
4.6730

304.4878,

■ 1.8144, 1.9019,

320.1393, 346.4375

2.0013

361.0908,
379.6659, 410.9939

■ 0.5264, 0.5495,
0.5561

■ 0.0000, 0.0000,
0.0000

■ 62.7419, 65.9362,
71.0481

■ 62.7419, 65.9362,
71.0481

■ 57.6811, 59.8079,
57.0482

■ 68.3347, 72.5604,
86.9727

■ 53.1295, 54.1549,
44.8948

■ 74.4702, 79.6838,
104.8874

■ 49.0710, 48.9673,
34.5107

■ 77.7935, 85.9714,
107.1017

■ 45.4861, 44.2317,
25.8116

■ 81.0763, 92.5370,
108.1960

■ 42.3542, 39.9340,
18.7062

■ 81.2510, 92.8863,
108.2542

■ 39.6526, 36.0591,
13.0945

■ 37.3566, 32.5908,
8.8649

■ 35.4381, 29.5113,
5.8899

■ 33.8643, 26.8008,
4.0178

Harmonies

Analogous

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



62.8630, 65.9362, 71.2494



62.7419, 65.9362, 71.0481



62.6018, 65.9362, 71.0459

Triad

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



62.7419, 65.9362, 71.0481



62.4089, 65.9362, 71.9901



62.8610, 65.9362, 72.3459

Complementary

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



62.7419, 65.9362, 71.0481



62.4177, 65.7391, 72.3509

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.



62.7390, 65.9362, 72.5459



62.7419, 65.9362, 71.0481



62.4781, 65.9362, 72.3399

Square

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



62.7419, 65.9362, 71.0481



62.4096, 65.9362, 71.5888



62.5989, 65.9362, 72.5437



62.9319, 65.9362, 71.9983

Rectangle

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



62.7419, 65.9362, 71.0481



62.5164, 65.9362, 71.1577



62.5989, 65.9362, 72.5437



62.8246, 65.9362, 72.4327

Sweetspot

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



62.7438, 65.9390, 71.0495

95.0500, 100.0000, 108.9000



62.6194, 65.4891, 71.6286



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.



62.7438, 65.9390, 71.0495



94.2382, 99.0290, 106.6174



62.9936, 66.4387, 71.1328



13.8911, 14.5984, 15.7292



20.0684, 15.2541, 1.8866



1.2932, 1.0856, 0.1414

Inverse Universe

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



62.4177, 65.7391, 72.3509



93.7112, 98.7058, 108.7208



62.1694, 65.2425, 72.2681



13.8186, 14.5540, 16.0184



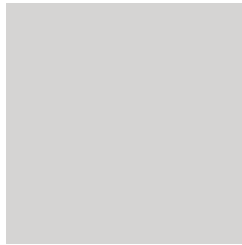
10.5941, 9.4500, 39.7188



0.7218, 0.7355, 2.4232

Previews

White Background



This preview shows how the XYZ color 62.7419, 65.9362, 71.0481 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 62.7419, 65.9362, 71.0481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

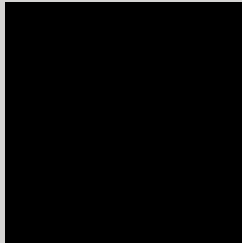
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

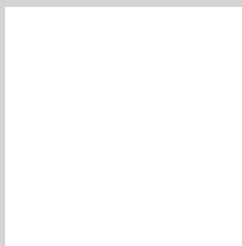
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7419, 65.9362, 71.0481

Background



This preview shows how black text looks on a background with the XYZ color 62.7419, 65.9362, 71.0481.

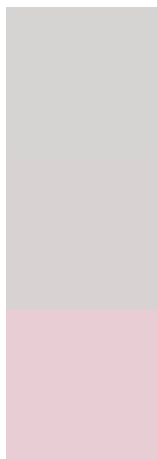


This preview shows how white text looks on a background with the XYZ color 62.7419, 65.9362,

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

62.7419, 65.9362, 71.0481

Protanopia

63.2460, 65.8406, 70.3479

Deuteranopia

66.9937, 65.5719, 71.4131



Tritanopia

64.7984, 66.0312, 81.2816

Trichromacy



Original Color

62.7419, 65.9362, 71.0481

Protanomaly

62.9515, 65.6887, 70.3341

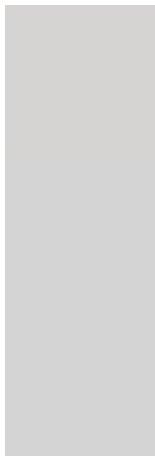
Deuteranomaly

65.4909, 65.8728, 71.5503

Tritanomaly

64.0770, 66.1051, 77.7890

Monochromacy



Original Color

62.7419, 65.9362, 71.0481

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 62.7419, 65.9362, 71.0481 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, 212, 211) looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 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, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.7419, 65.9362, 71.0481 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, 212, 211) }
```

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

```
.border{ border-color:rgb(213, 212, 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, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
211) }
```


Background

The CSS property to change the background color of an element to XYZ 62.7419, 65.9362, 71.0481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 211) }
```

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

```
.background{ background-color: rgb(213,  
212, 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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