

Converting Colors

XYZ(62.3667, 65.7523, 71.2205)

Have a look what the booklet for
XYZ(62.3667, 65.7523, 71.2205)
contains.

XYZ(62.4527, 65.7872, 71.0346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(62.4527, 65.7872,
71.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D4D3
RGB	212, 212, 211
RGB Percent	83%, 83%, 83%
CMY	0.1686, 0.1686, 0.1725
CMYK	0.00, 0.00, 0.00, 0.17
HSL	60°, 1%, 83%
HSV	60°, 0%, 83%
XYZ	62.4527, 65.7872, 71.0346
YIQ	211.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R _Y B	211, 212, 211
Decimal	13948115
CIE Lab	84.89, -0.18, 0.48
CIE LCh	85, 0.515, 110.018
Yxy	65.7872, 0.3134, 0.3301
Android (android.graphics.Color)	4292138195 (0xFFD4D4D3)
YUV	211.8860, -0.4368, 0.1000
Hunter-Lab	81.1093, -4.4995, 4.8510

Details

The XYZ color **62.4527, 65.7872, 71.0346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0445, 65.1927, 71.6042**, and the grayscale version is **62.5078, 65.7631, 71.6160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0474, 33.7164, 36.7171** is the 20% darker color. If you saturate the color by 10%, you get **59.9441, 64.7830, 57.9462**, and if you desaturate by 10%, it is **65.3156, 66.9373, 85.9722**.

Distribution



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



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4527, 65.7872, 71.0346 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 62.4527, 65.7872, 71.0346 by changing the saturation by 10% instead.

■ 62.4527, 65.7872,
71.0346

■ 62.4527, 65.7872,
71.0346

423.2718,
445.6155, 483.0613

■ 45.6556, 48.0997,
51.8884

107.4658,
113.1809, 122.3779

■ 32.1776, 33.9058,
36.5345

136.4125,
143.6558, 155.4121

■ 21.6534, 22.8213,
24.5543

170.1397,
179.1619, 193.9128

■ 13.7176, 14.4616,
15.5293

209.0129,
220.0838, 238.2984

■ 8.0049, 8.4424,
9.0410

253.3973,
266.8056, 288.9875

■ 4.1499, 4.3793,
4.6708

303.6584,

■ 1.7873, 1.8879,

319.7119, 346.3987

2.0001

360.1614,
379.1871, 410.9504

■ 0.5100, 0.5411,
0.5553

■ 0.0000, 0.0000,
0.0000

■ 62.4527, 65.7872,
71.0346

■ 62.4527, 65.7872,
71.0346

■ 59.9441, 64.7830,
57.9462

■ 65.3156, 66.9373,
85.9722

■ 57.7707, 63.9107,
46.6309

■ 68.5402, 68.2300,
102.8223

■ 55.9197, 63.1675,
37.0138

■ 68.8213, 68.3454,
104.1724

■ 54.3757, 62.5470,
29.0131

■ 68.8463, 68.3582,
104.1736

■ 53.1218, 62.0426,
22.5399

■ 68.8712, 68.3711,
104.1748

■ 52.1396, 61.6468,
17.4971

■ 68.8962, 68.3840,
104.1760

■ 51.4084, 61.3515,
13.7764

■ 68.9212, 68.3969,
104.1771

■ 50.9048, 61.1472,
11.2540

■ 68.9462, 68.4098,
104.1783

■ 50.6008, 61.0227,
9.7827

■ 68.9713, 68.4227,
104.1795

Harmonies

Analogous

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



62.5673, 65.7872, 71.0059



62.4527, 65.7872, 71.0346



62.3586, 65.7872, 71.2228

Triad

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



62.4527, 65.7872, 71.0346



62.3860, 65.7872, 72.1200



62.7479, 65.7872, 71.7415

Complementary

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



62.4527, 65.7872, 71.0346



62.0445, 65.1927, 71.6042

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.



62.6992, 65.7872, 72.0409



62.4527, 65.7872, 71.0346



62.4902, 65.7872, 72.2599

Square

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



62.4527, 65.7872, 71.0346



62.3201, 65.7872, 71.8492



62.6049, 65.7872, 72.2309



62.7378, 65.7872, 71.4134

Rectangle

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



62.4527, 65.7872, 71.0346



62.3201, 65.7872, 71.4138



62.6049, 65.7872, 72.2309



62.7379, 65.7872, 71.8488

Sweetspot

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



62.4546, 65.7900, 71.0360

95.0500, 100.0000, 108.9000



62.2056, 65.2903, 70.9527



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.



62.4546, 65.7900, 71.0360



94.6383, 99.8349, 106.7519



62.3113, 65.7162, 71.0293



13.9461, 14.7092, 15.7477



31.1454, 37.6324, 5.6222



1.8802, 2.2707, 0.3392

Inverse Universe

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



62.0445, 65.1927, 71.6042



93.3137, 97.9053, 108.5872



62.1874, 65.2664, 71.6109



13.7640, 14.4439, 16.0000



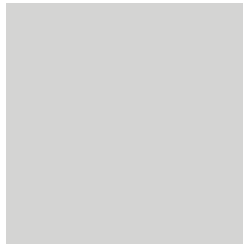
7.3451, 2.9391, 38.6333



0.4447, 0.1781, 2.3303

Previews

White Background



This preview shows how the XYZ color 62.4527, 65.7872, 71.0346 looks on a white background.

Color Contrast Check

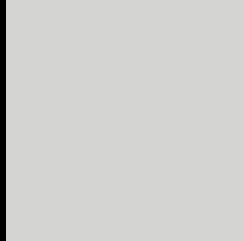
Large Text (above 18pt) WCAG AA × Fail

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 62.4527, 65.7872, 71.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

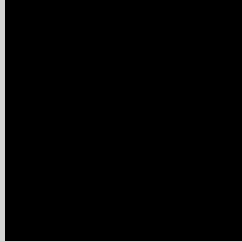
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

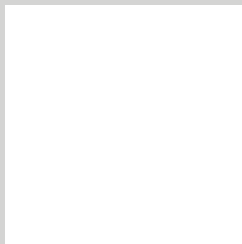
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4527, 65.7872, 71.0346

Background



This preview shows how black text looks on a background with the XYZ color 62.4527, 65.7872, 71.0346.

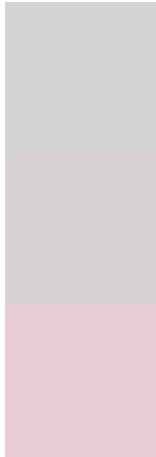


This preview shows how white text looks on a background with the XYZ color 62.4527, 65.7872,

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

62.4527, 65.7872, 71.0346

Protanopia

63.2460, 65.8406, 70.3479

Deuteranopia

66.9937, 65.5719, 71.4131



Tritanopia

64.5056, 65.8803, 81.2679

Trichromacy



Original Color

62.4527, 65.7872, 71.0346

Protanomaly

62.9515, 65.6887, 70.3341

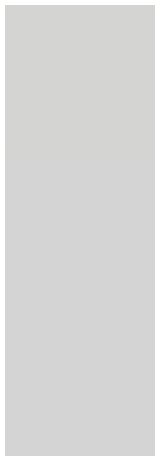
Deuteranomaly

65.4909, 65.8728, 71.5503

Tritanomaly

63.7860, 65.9551, 77.7753

Monochromacy



Original Color

62.4527, 65.7872, 71.0346

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 62.4527, 65.7872, 71.0346 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(212, 212, 211) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 62.4527, 65.7872, 71.0346 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(212, 212, 211) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 62.4527, 65.7872, 71.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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