

Converting Colors

XYZ(63.0664, 67.0471, 68.2179)

Have a look what the booklet for
XYZ(63.0664, 67.0471, 68.2179)
contains.

XYZ(62.9187, 66.8455, 67.9788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.9187, 66.8455,
67.9788)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D6CE
RGB	214, 214, 206
RGB Percent	84%, 84%, 81%
CMY	0.1608, 0.1608, 0.1922
CMYK	0.00, 0.00, 0.04, 0.16
HSL	60°, 9%, 82%
HSV	60°, 4%, 84%
XYZ	62.9187, 66.8455, 67.9788
YIQ	213.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

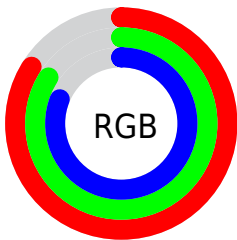
Format	Color
R _Y B	206, 214, 206
Decimal	14079694
CIE Lab	85.43, -1.42, 3.94
CIE LCh	85, 4.183, 109.805
Yxy	66.8455, 0.3182, 0.3380
Android (android.graphics.Color)	4292269774 (0xFFD6D6CE)
YUV	213.0880, -3.4944, 0.7998
Hunter-Lab	81.7591, -5.7116, 7.9346

Details

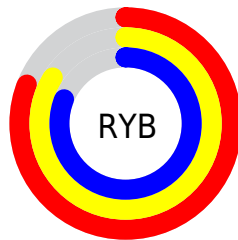
The XYZ color **62.9187, 66.8455, 67.9788** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6650, 62.1212, 72.4677**, and the grayscale version is **63.3277, 66.6257, 72.5554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3637, 34.4342, 34.6465** is the 20% darker color. If you saturate the color by 10%, you get **60.4916, 65.8765, 55.2056**, and if you desaturate by 10%, it is **65.7036, 67.9619, 82.6193**.

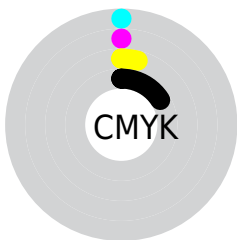
Distribution



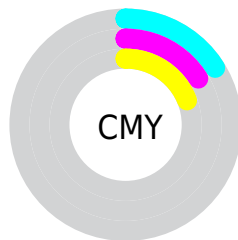
- Red (84%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9187, 66.8455, 67.9788 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 62.9187, 66.8455, 67.9788 by changing the saturation by 10% instead.

■ 62.9187, 66.8455,
67.9788

■ 62.9187, 66.8455,
67.9788

424.9387,
449.3946, 472.0169

■ 46.0338, 48.9591,
49.4139

108.1347,
114.6990, 117.9757

■ 32.4773, 34.5870,
34.5800

137.1965,
145.4349, 150.2449

■ 21.8836, 23.3449,
23.0586

171.0481,
181.2227, 187.9192

■ 13.8875, 14.8484,
14.4311

210.0546,
222.4468, 231.4172

■ 8.1237, 8.7131,
8.2789

254.5817,
269.4917, 281.1574

■ 4.2266, 4.5545,
4.1836

304.9944,

■ 1.8311, 1.9883,

322.7417, 337.5584

1.7266

361.6583,
382.5812, 401.0387

■ 0.5363, 0.6007,
0.3789

■ 0.0000, 0.0000,
0.0000

■ 62.9187, 66.8455,
67.9788

■ 62.9187, 66.8455,
67.9788

■ 60.4916, 65.8765,
55.2056

■ 65.7036, 67.9619,
82.6193

■ 58.4025, 65.0405,
44.2205


■ 68.8540, 69.2225,
99.1934


■ 56.6381, 64.3343,
34.9451


■ 69.8390, 69.6168,
104.3642

■ 55.1820, 63.7516,
27.2935

■ 69.8420, 69.6184,
104.3644


 54.0166, 63.2850,
21.1724


 69.8451, 69.6200,
104.3645

 53.1222, 62.9269,
16.4787


 69.8482, 69.6215,
104.3647


 52.4771, 62.6685,
13.0972

 69.8512, 69.6231,
104.3648

 52.0557, 62.4996,
10.8944

 69.8543, 69.6247,
104.3649

 51.8275, 62.4080,
9.7087

 69.8573, 69.6263,
104.3651

Harmonies

Analogous

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



63.8580, 66.8455, 67.7626



62.9187, 66.8455, 67.9788



62.1517, 66.8455, 69.4641

Triad

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



62.9187, 66.8455, 67.9788



62.3648, 66.8455, 76.8466



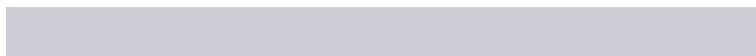
65.3466, 66.8455, 73.7118

Complementary

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



62.9187, 66.8455, 67.9788



59.6650, 62.1212, 72.4677

Split Complementary

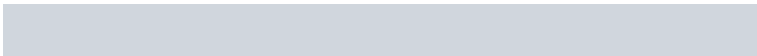
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9380, 66.8455, 76.2068



62.9187, 66.8455, 67.9788



63.2124, 66.8455, 78.0462

Square

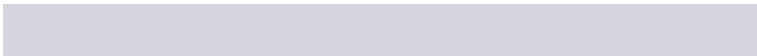
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9187, 66.8455, 67.9788



61.8341, 66.8455, 74.5675



64.1546, 66.8455, 77.8092



65.2661, 66.8455, 71.0279

Rectangle

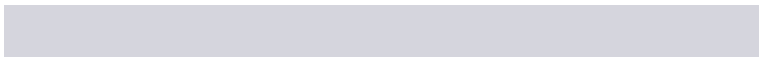
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9187, 66.8455, 67.9788



61.8383, 66.8455, 70.9950



64.1546, 66.8455, 77.8092



65.2618, 66.8455, 74.6015

Sweetspot

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



62.9206, 66.8484, 67.9802



94.6416, 99.8366, 106.7520



60.9455, 62.8966, 67.3216



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.9206, 66.8484, 67.9802



93.4491, 99.3594, 100.4792



61.7679, 66.2542, 67.9263



13.7289, 14.6224, 14.6030



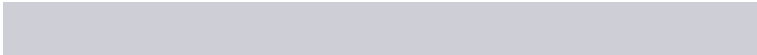
31.2783, 37.7009, 5.6285



1.8868, 2.2740, 0.3395

Inverse Universe

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



59.6650, 62.1212, 72.4677



88.2301, 91.7813, 107.6731



60.7892, 62.7008, 72.5203



12.8364, 13.3264, 15.8332



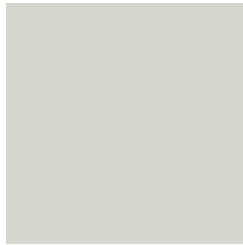
7.3374, 2.9351, 38.6330



0.4428, 0.1771, 2.3302

Previews

White Background



This preview shows how the XYZ color 62.9187, 66.8455, 67.9788 looks on a white background.

Color Contrast Check

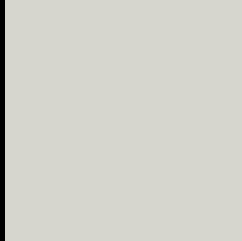
Large Text (above 18pt) WCAG AA × Fail

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 62.9187, 66.8455, 67.9788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

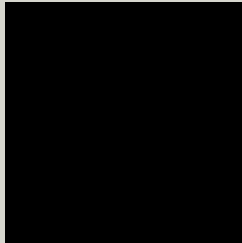
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

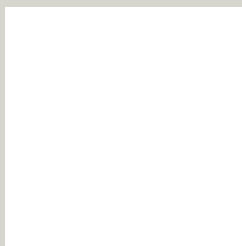
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9187, 66.8455, 67.9788

Background



This preview shows how black text looks on a background with the XYZ color 62.9187, 66.8455, 67.9788.

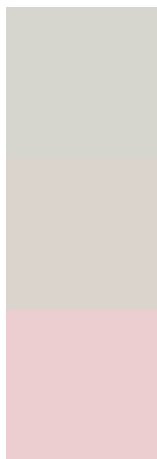


This preview shows how white text looks on a background with the XYZ color 62.9187, 66.8455,

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

62.9187, 66.8455, 67.9788

Protanopia

63.7763, 66.5548, 67.2426

Deuteranopia

68.0485, 66.5295, 68.9295



Tritanopia

65.7747, 66.8863, 82.1167

Trichromacy



Original Color

62.9187, 66.8455, 67.9788

Protanomaly

63.4290, 66.7480, 67.2982

Deuteranomaly

66.0579, 66.5999, 68.4049

Tritanomaly

64.6486, 66.8004, 76.5042

Monochromacy



Original Color

62.9187, 66.8455, 67.9788

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8677, 66.3878, 70.4734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9187, 66.8455, 67.9788 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(214, 214, 206) looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 206)  
}
```

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(214, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.9187, 66.8455, 67.9788 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(214, 214, 206) }
```


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

```
.border{ border-color:rgb(214, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9187, 66.8455, 67.9788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 206) }
```

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

```
.background{ background-color: rgb(214,  
214, 206) }
```

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