

Converting Colors

XYZ(62.4472, 66.9564, 81.8188)

Have a look what the booklet for
XYZ(62.4472, 66.9564, 81.8188)
contains.

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Color

**XYZ(62.3707, 67.0202,
81.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D8E2
RGB	201, 216, 226
RGB Percent	79%, 85%, 89%
CMY	0.2118, 0.1529, 0.1137
CMYK	0.11, 0.04, 0.00, 0.11
HSL	204°, 30%, 84%
HSV	204°, 11%, 89%
XYZ	62.3707, 67.0202, 81.6004
YIQ	212.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

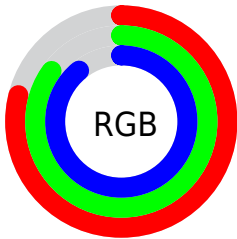
Format	Color
R _Y B	201, 210, 226
Decimal	13228258
CIE Lab	85.51, -3.07, -6.64
CIE LCh	86, 7.316, 245.216
Yxy	67.0202, 0.2956, 0.3176
Android (android.graphics.Color)	4291418338 (0xFFC9D8E2)
YUV	212.6550, 6.5791, -10.2214
Hunter-Lab	81.8659, -7.2724, -1.7916

Details

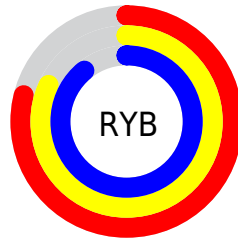
The XYZ color **62.3707, 67.0202, 81.6004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2012, 66.9740, 64.7503**, and the grayscale version is **62.9803, 66.2602, 72.1573**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1282, 34.6331, 43.5196** is the 20% darker color. If you saturate the color by 10%, you get **54.4850, 59.6136, 80.5874**, and if you desaturate by 10%, it is **71.2815, 75.1480, 82.7006**.

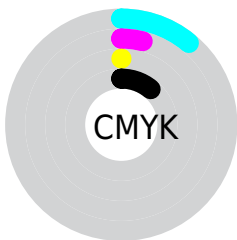
Distribution



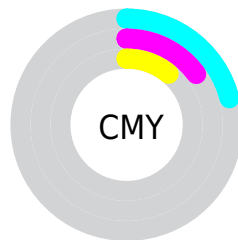
- Red (79%)
- Green (85%)
- Blue (89%)



- Red (79%)
- Yellow (82%)
- Blue (89%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3707, 67.0202, 81.6004 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 62.3707, 67.0202, 81.6004 by changing the saturation by 10% instead.

■ 62.3707, 67.0202,
81.6004

■ 62.3707, 67.0202,
81.6004

422.9780,
450.0167, 520.1584

■ 45.5890, 49.1010,
60.5023

107.3480,
114.9494, 137.4451

■ 32.1249, 34.6996,
43.3957

136.2744,
145.7281, 173.0289

■ 21.6129, 23.4316,
29.8620

169.9797,
181.5623, 214.2782

■ 13.6878, 14.9125,
19.4827

208.8294,
222.8361, 261.6118

■ 7.9841, 8.7580,
11.8393

253.1887,
269.9341, 315.4480

■ 4.1365, 4.5837,
6.5131

303.4230,

■ 1.7796, 2.0051,

323.2406, 376.2055

3.0857

359.8976,
383.1400, 444.3028

■ 0.5054, 0.6104,
1.1386

■ 0.0000, 0.0000,
0.0000

■ 62.3707, 67.0202,
81.6004

■ 62.3707, 67.0202,
81.6004

■ 54.4850, 59.6136,
80.5874

■ 71.2815, 75.1480,
82.7006

■ 47.5778, 52.8955,
79.6548

■ 81.2500, 84.0112,
83.8860

■ 41.6070, 46.8432,
78.8013

■ 87.0531, 90.9220,
84.9141

■ 36.5253, 41.4291,
78.0241

■ 89.8264, 96.4684,
85.8385

■ 32.2809, 36.6232,
77.3201

■ 90.7277, 98.2711,
86.1389

■ 28.8161, 32.3923,
76.6861

■ 26.0650, 28.6992,
76.1183

■ 23.9492, 25.4997,
75.6122

■ 22.4797, 22.9951,
75.2062

Harmonies

Analogous

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



61.1259, 67.0202, 78.3785



62.3707, 67.0202, 81.6004



63.9916, 67.0202, 82.4706

Triad

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



62.3707, 67.0202, 81.6004



66.9358, 67.0202, 72.1449



61.8759, 67.0202, 65.7503

Complementary

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



62.3707, 67.0202, 81.6004



65.2012, 66.9740, 64.7503

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.



63.4107, 67.0202, 64.2352



62.3707, 67.0202, 81.6004



66.3468, 67.0202, 67.8231

Square

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



62.3707, 67.0202, 81.6004



66.6457, 67.0202, 76.8770



65.0495, 67.0202, 64.9773



60.8437, 67.0202, 69.2046

Rectangle

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



62.3707, 67.0202, 81.6004



65.0716, 67.0202, 81.5690



65.0495, 67.0202, 64.9773



62.3492, 67.0202, 65.0043

Sweetspot

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



62.3727, 67.0230, 81.6019



91.3232, 96.6416, 108.4482



62.9906, 71.4936, 71.8353



19.3383, 20.4963, 23.1869



0.0000, 0.0000, 0.0000



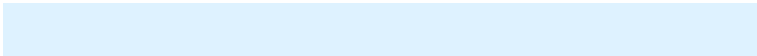
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3727, 67.0230, 81.6019



79.8043, 86.0780, 107.0163



59.3891, 61.0558, 80.6074



13.6328, 14.6046, 17.4881



12.9436, 13.3568, 42.9443



0.9841, 1.0996, 3.0056

Inverse Universe

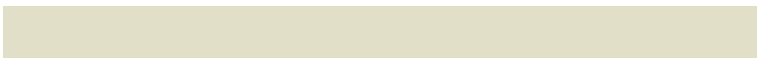
The Inverse Universe completely reimagines the original color for something new.



64.6469, 62.9013, 73.7029



83.3101, 79.8183, 94.8186



68.3177, 73.2068, 65.7891



14.0509, 13.8380, 16.0380



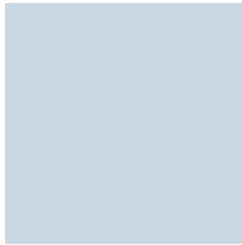
20.4735, 10.2564, 14.4253



1.4630, 0.7285, 1.2308

Previews

White Background



This preview shows how the XYZ color 62.3707, 67.0202, 81.6004 looks on a white background.

Color Contrast Check

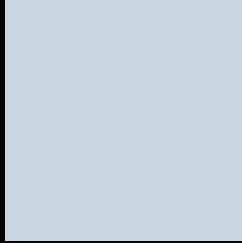
Large Text (above 18pt) WCAG AA × Fail

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 62.3707, 67.0202, 81.6004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

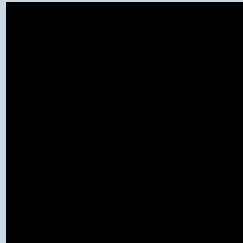
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

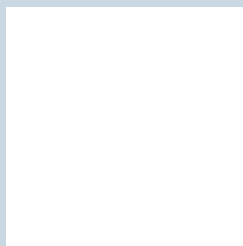
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3707, 67.0202, 81.6004

Background



This preview shows how black text looks on a background with the XYZ color 62.3707, 67.0202, 81.6004.

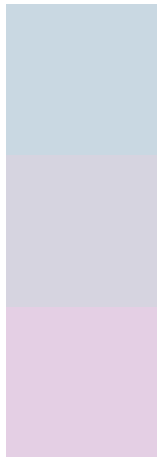


This preview shows how white text looks on a background with the XYZ color 62.3707, 67.0202,

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

62.3707, 67.0202, 81.6004

Protanopia

64.7296, 66.7649, 79.9963

Deuteranopia

68.3113, 66.7211, 82.6768



Tritanopia

63.2230, 66.9836, 85.9409

Trichromacy



Original Color

62.3707, 67.0202, 81.6004

Protanomaly

63.6794, 66.5801, 80.7291

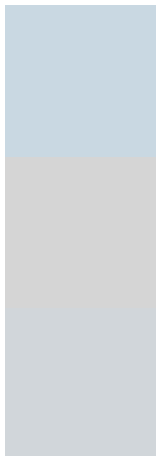
Deuteranomaly

65.8252, 66.5447, 82.0481

Tritanomaly

62.9405, 66.8706, 84.4529

Monochromacy



Original Color

62.3707, 67.0202, 81.6004

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9960, 66.7104, 75.8858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3707, 67.0202, 81.6004 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(201, 216, 226) looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 226)  
}
```

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(201, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.3707, 67.0202, 81.6004 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(201, 216, 226) }
```


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

```
.border{ border-color:rgb(201, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3707, 67.0202, 81.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 226) }
```

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

```
.background{ background-color: rgb(201,  
216, 226) }
```

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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