

Converting Colors

XYZ(62.5545, 67.9871, 73.4438)

Have a look what the booklet for
XYZ(62.5545, 67.9871, 73.4438)
contains.

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Color

**XYZ(62.6626, 68.1197,
73.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDAD6
RGB	206, 218, 214
RGB Percent	81%, 85%, 84%
CMY	0.1922, 0.1451, 0.1608
CMYK	0.06, 0.00, 0.02, 0.15
HSL	160°, 14%, 83%
HSV	160°, 6%, 85%
XYZ	62.6626, 68.1197, 73.4641
YIQ	213.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

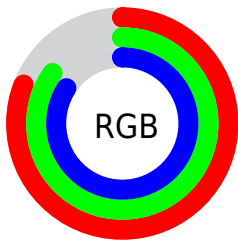
Format	Color
R _Y B	206, 213, 218
Decimal	13556438
CIE Lab	86.07, -4.77, 0.56
CIE LCh	86, 4.803, 173.296
Yxy	68.1197, 0.3068, 0.3335
Android (android.graphics.Color)	4291746518 (0xFFCEDAD6)
YUV	213.9560, 0.0217, -6.9774
Hunter-Lab	82.5347, -8.9135, 5.0002

Details

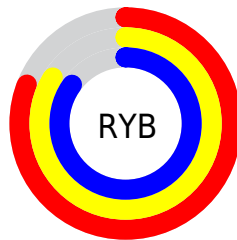
The XYZ color **62.6626, 68.1197, 73.4641** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6201, 63.7029, 69.9715**, and the grayscale version is **63.8913, 67.2186, 73.2010**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3041, 35.3730, 37.9259** is the 20% darker color. If you saturate the color by 10%, you get **56.1176, 64.8525, 68.4190**, and if you desaturate by 10%, it is **70.0923, 71.8421, 78.7698**.

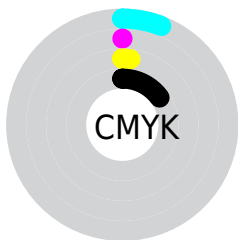
Distribution



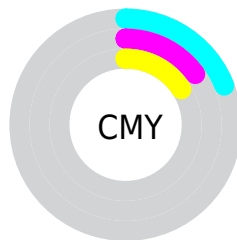
- Red (81%)
- Green (85%)
- Blue (84%)



- Red (81%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6626, 68.1197, 73.4641 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 62.6626, 68.1197, 73.4641 by changing the saturation by 10% instead.

■ 62.6626, 68.1197,
73.4641

■ 62.6626, 68.1197,
73.4641

424.0231,
453.9200, 491.7356

■ 45.8259, 49.9951,
53.8614

107.7671,
116.5234, 125.8629

■ 32.3125, 35.4095,
38.0984

136.7657,
147.5712, 159.4960

■ 21.7570, 23.9785,
25.7567

170.5490,
183.6957, 198.6430

■ 13.7941, 15.3177,
16.4176

209.4823,
225.2811, 243.7225

■ 8.0583, 9.0426,
9.6626

253.9310,
272.7118, 295.1530

■ 4.1844, 4.7690,
5.0731

304.2605,

■ 1.8070, 2.1124,

326.3723, 353.3529

2.2308

360.8361,
386.6469, 418.7410

■ 0.5219, 0.6716,
0.6920

■ 0.0000, 0.0000,
0.0000

■ 62.6626, 68.1197,
73.4641

■ 62.6626, 68.1197,
73.4641

■ 56.1176, 64.8525,
68.4190

■ 70.0923, 71.8421,
78.7698

■ 50.4168, 62.0137,
63.6256


■ 78.4340, 76.0278,
84.3360

■ 45.5247, 59.5873,
59.0809


■ 81.4261, 77.4508,
89.8736


■ 41.4012, 57.5525,
54.7800


■ 82.5033, 77.8817,
95.5461


 38.0028, 55.8870,
50.7180


 83.6240, 78.3300,
101.4477

 35.2812, 54.5658,
46.8895

 84.3627, 78.6255,
105.3376

 33.1822, 53.5613,
43.2889

 31.6426, 52.8408,
39.9102

 30.5853, 52.3647,
36.7464

Harmonies

Analogous

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



63.0606, 68.1197, 70.6002



62.6626, 68.1197, 73.4641



62.8177, 68.1197, 76.5984

Triad

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



62.6626, 68.1197, 73.4641



65.5879, 68.1197, 79.8893



66.0213, 68.1197, 69.4079

Complementary

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



62.6626, 68.1197, 73.4641



62.6201, 63.7029, 69.9715

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.



66.7128, 68.1197, 71.7950



62.6626, 68.1197, 73.4641



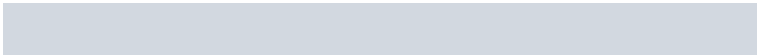
66.4606, 68.1197, 77.8598

Square

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



62.6626, 68.1197, 73.4641



64.4985, 68.1197, 80.3668



66.8745, 68.1197, 74.8820



64.9936, 68.1197, 68.3017

Rectangle

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



62.6626, 68.1197, 73.4641



63.2147, 68.1197, 78.4136



66.8745, 68.1197, 74.8820



66.3013, 68.1197, 70.0838

Sweetspot

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



62.6645, 68.1226, 73.4656



92.9258, 98.9364, 107.3774



62.8496, 68.3332, 68.2705



19.9122, 21.1876, 22.9993



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.



62.6645, 68.1226, 73.4656



87.8413, 96.3928, 103.6366



62.7179, 67.4009, 76.0373



13.5308, 14.8919, 15.9953



18.1476, 31.2917, 21.4746



1.2151, 2.0430, 1.5985

Inverse Universe

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



62.6201, 63.7029, 69.9715



87.7609, 88.3926, 97.3119



62.5633, 64.3778, 67.5221



13.5175, 13.5718, 14.9516



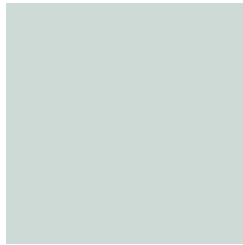
18.0817, 9.2337, 4.8100



1.2107, 0.6139, 0.5182

Previews

White Background



This preview shows how the XYZ color 62.6626, 68.1197, 73.4641 looks on a white background.

Color Contrast Check

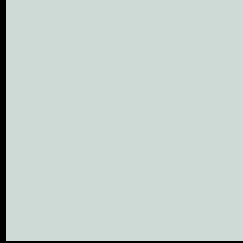
Large Text (above 18pt) WCAG AA × Fail

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 62.6626, 68.1197, 73.4641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

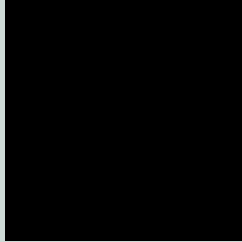
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

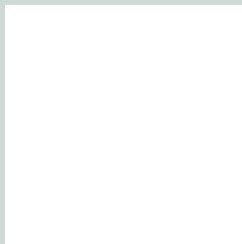
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6626, 68.1197, 73.4641

Background



This preview shows how black text looks on a background with the XYZ color 62.6626, 68.1197, 73.4641.

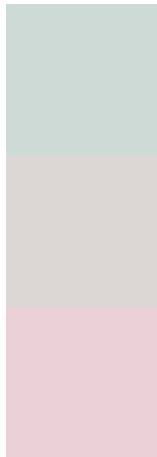


This preview shows how white text looks on a background with the XYZ color 62.6626, 68.1197,

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

62.6626, 68.1197, 73.4641

Protanopia

65.4454, 68.0622, 71.9753

Deuteranopia

69.2115, 67.7318, 74.3914



Tritanopia

65.1604, 67.9824, 86.0315

Trichromacy



Original Color

62.6626, 68.1197, 73.4641

Protanomaly

64.3350, 67.8520, 72.6567

Deuteranomaly

66.5497, 67.8406, 73.8770

Tritanomaly

64.1589, 67.9579, 80.9698

Monochromacy



Original Color

62.6626, 68.1197, 73.4641

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3020, 67.3048, 73.2731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6626, 68.1197, 73.4641 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(206, 218, 214) looks like.

```
.text, #text, p{  
    color:rgb(206, 218, 214)  
}
```

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(206, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 218, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.6626, 68.1197, 73.4641 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(206, 218, 214) }
```


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

```
.border{ border-color:rgb(206, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 218,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6626, 68.1197, 73.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 218, 214) }
```

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

```
.background{ background-color: rgb(206,  
218, 214) }
```

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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