

Converting Colors

XYZ(62.1450, 69.1420, 68.1578)

Have a look what the booklet for
XYZ(62.1450, 69.1420, 68.1578)
contains.

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Color

**XYZ(62.1739, 69.1483,
68.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDDCE
RGB	205, 221, 206
RGB Percent	80%, 87%, 81%
CMY	0.1961, 0.1333, 0.1922
CMYK	0.07, 0.00, 0.07, 0.13
HSL	124°, 19%, 84%
HSV	124°, 7%, 87%
XYZ	62.1739, 69.1483, 68.4626
YIQ	214.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

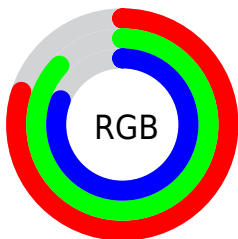
Format	Color
R _Y B	205, 220, 221
Decimal	13491662
CIE Lab	86.58, -8.11, 5.52
CIE LCh	87, 9.806, 145.766
Yxy	69.1483, 0.3112, 0.3461
Android (android.graphics.Color)	4291681742 (0xFFCDDDCE)
YUV	214.5060, -4.1935, -8.3368
Hunter-Lab	83.1555, -12.0607, 9.3949

Details

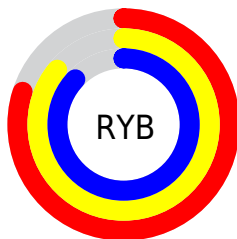
The XYZ color **62.1739, 69.1483, 68.4626** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5709, 64.2039, 76.7028**, and the grayscale version is **64.2888, 67.6368, 73.6565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0662, 36.1187, 34.9873** is the 20% darker color. If you saturate the color by 10%, you get **54.1495, 65.2855, 55.8028**, and if you desaturate by 10%, it is **71.3951, 73.5937, 82.9133**.

Distribution



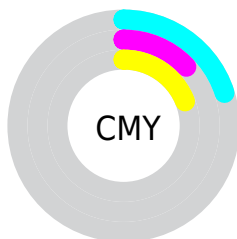
- Red (80%)
- Green (87%)
- Blue (81%)



- Red (80%)
- Yellow (86%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1739, 69.1483, 68.4626 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 62.1739, 69.1483, 68.4626 by changing the saturation by 10% instead.

■ 62.1739, 69.1483,
68.4626

■ 62.1739, 69.1483,
68.4626

422.2726,
457.5538, 473.7758

■ 45.4294, 50.8325,
49.8051

107.0653,
117.9934, 118.6741

■ 31.9985, 36.0753,
34.8885

135.9430,
149.2914, 151.0653

■ 21.5159, 24.4924,
23.2941

169.5957,
185.6857, 188.8715

■ 13.6162, 15.6993,
14.6035

208.3888,
227.5605, 232.5111

■ 7.9341, 9.3116,
8.3981

252.6877,
275.3004, 282.4028

■ 4.1043, 4.9450,
4.2593

302.8577,

■ 1.7613, 2.2150,

329.2896, 338.9652

1.7686

359.2642,
389.9126, 402.6166

■ 0.4942, 0.7282,
0.4072

■ 0.0000, 0.0000,
0.0000

■ 62.1739, 69.1483,
68.4626

■ 62.1739, 69.1483,
68.4626

■ 54.1495, 65.2855,
55.8028

■ 71.3951, 73.5937,
82.9133

■ 47.2674, 61.9727,
44.8599

■ 81.8534, 78.6352,
99.2161

■ 41.4774, 59.1876,
35.5614

■ 85.1478, 80.1956,
105.5993

■ 36.7232, 56.9030,
27.8278

■ 32.9437, 55.0891,
21.5731

■ 30.0712, 53.7131,
16.7030

■ 28.0294, 52.7379,
13.1124

■ 26.7293, 52.1202,
10.6811

■ 26.0562, 51.8038,
9.2659

Harmonies

Analogous

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



63.8407, 69.1483, 64.5658



62.1739, 69.1483, 68.4626



61.4581, 69.1483, 74.3699

Triad

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



62.1739, 69.1483, 68.4626



65.4011, 69.1483, 88.4839



69.7408, 69.1483, 69.9768

Complementary

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



62.1739, 69.1483, 68.4626



64.5709, 64.2039, 76.7028

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.



70.1816, 69.1483, 76.2192



62.1739, 69.1483, 68.4626



67.6427, 69.1483, 87.1421

Square

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



62.1739, 69.1483, 68.4626



63.2938, 69.1483, 86.1268



69.4055, 69.1483, 82.5584



68.2143, 69.1483, 65.4040

Rectangle

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



62.1739, 69.1483, 68.4626



61.6041, 69.1483, 78.7452



69.4055, 69.1483, 82.5584



70.0223, 69.1483, 71.9389

Sweetspot

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



62.1758, 69.1513, 68.4641



92.4382, 98.7414, 104.8094



66.4547, 71.3711, 68.0320



19.8129, 21.1479, 22.4764



0.0000, 0.0000, 0.0000



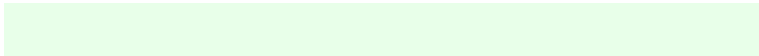
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1758, 69.1513, 68.4641



83.8322, 94.5951, 91.2944



63.1475, 69.5399, 73.5811



12.9194, 14.6194, 14.0383



15.0799, 30.0646, 5.3200



0.9888, 1.9525, 0.4071

Inverse Universe

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



64.5709, 64.2039, 76.7028



87.9306, 86.1293, 105.3918



63.5613, 63.8000, 71.3864



13.5774, 13.2601, 16.3019



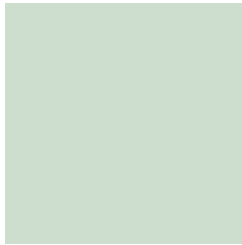
23.8939, 11.5586, 35.4167



1.5588, 0.7532, 2.3517

Previews

White Background



This preview shows how the XYZ color 62.1739, 69.1483, 68.4626 looks on a white background.

Color Contrast Check

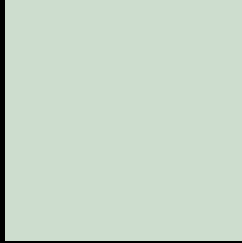
Large Text (above 18pt) WCAG AA × Fail

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 62.1739, 69.1483, 68.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

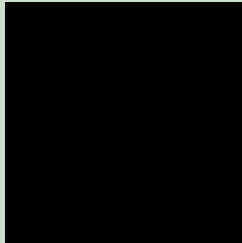
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

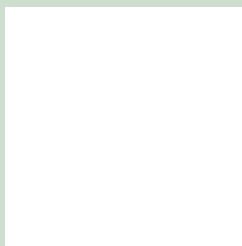
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1739, 69.1483, 68.4626

Background



This preview shows how black text looks on a background with the XYZ color 62.1739, 69.1483, 68.4626.

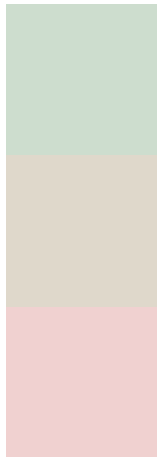


This preview shows how white text looks on a background with the XYZ color 62.1739, 69.1483,

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

62.1739, 69.1483, 68.4626

Protanopia

65.7668, 69.1115, 66.3735

Deuteranopia

70.1208, 68.6803, 69.2354



Tritanopia

65.9586, 69.1215, 87.7073

Trichromacy



Original Color

62.1739, 69.1483, 68.4626

Protanomaly

64.2894, 69.1014, 67.0762

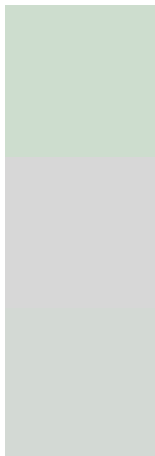
Deuteranomaly

66.7353, 68.4244, 68.7214

Tritanomaly

64.5384, 68.9345, 80.4252

Monochromacy



Original Color

62.1739, 69.1483, 68.4626

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5605, 68.2281, 72.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1739, 69.1483, 68.4626 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(205, 221, 206) looks like.

```
.text, #text, p{  
    color:rgb(205, 221, 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(205, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 221, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.1739, 69.1483, 68.4626 is called "border". The border property can be set on classes, ids or directly on the HTML element.

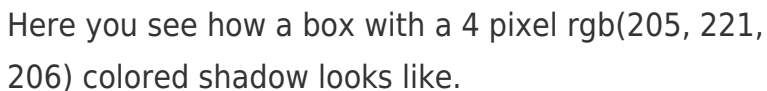
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 221, 206) }
```


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

```
.border{ border-color:rgb(205, 221, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 221, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 221, 206); box-shadow:4px 4px 4px 4px rgb(205, 221, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1739, 69.1483, 68.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 221, 206) }
```

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

```
.background{ background-color: rgb(205,  
221, 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](#).

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