

Converting Colors

XYZ(61.8706, 68.0976, 74.0209)

Have a look what the booklet for
XYZ(61.8706, 68.0976, 74.0209)
contains.

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Color

**XYZ(61.9544, 68.1259,
74.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	CADBD7
RGB	202, 219, 215
RGB Percent	79%, 86%, 84%
CMY	0.2078, 0.1412, 0.1569
CMYK	0.08, 0.00, 0.02, 0.14
HSL	166°, 19%, 83%
HSV	166°, 8%, 86%
XYZ	61.9544, 68.1259, 74.1742
YIQ	213.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

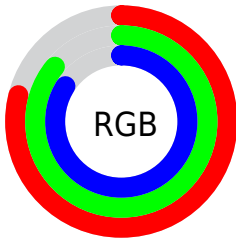
Format	Color
R _{YB}	202, 212, 219
Decimal	13294551
CIE Lab	86.07, -6.43, 0.00
CIE LCh	86, 6.429, 179.977
Yxy	68.1259, 0.3033, 0.3335
Android (android.graphics.Color)	4291484631 (0xFFCADBD7)
YUV	213.4610, 0.7587, -10.0513
Hunter-Lab	82.5384, -10.4578, 4.4952

Details

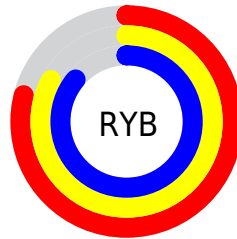
The XYZ color **61.9544, 68.1259, 74.1742** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4771, 61.7592, 67.0764**, and the grayscale version is **63.5555, 66.8653, 72.8163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8334, 35.3849, 38.4099** is the 20% darker color. If you saturate the color by 10%, you get **55.7923, 65.0265, 70.4823**, and if you desaturate by 10%, it is **68.9822, 71.6730, 78.0184**.

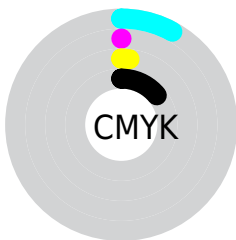
Distribution



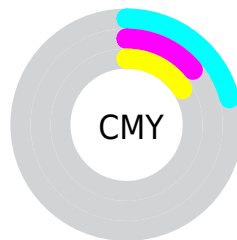
- Red (79%)
- Green (86%)
- Blue (84%)



- Red (79%)
- Yellow (83%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9544, 68.1259, 74.1742 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 61.9544, 68.1259, 74.1742 by changing the saturation by 10% instead.

■ 61.9544, 68.1259,
74.1742

■ 61.9544, 68.1259,
74.1742

421.4849,
453.9420, 494.2539

■ 45.2513, 50.0002,
54.4390

106.7499,
116.5322, 126.8790

■ 31.8575, 35.4135,
38.5572

135.5731,
147.5816, 160.6857

■ 21.4077, 23.9816,
26.1102

169.1670,
183.7077, 200.0200

■ 13.5365, 15.3200,
16.6796

207.8970,
225.2948, 245.3004

■ 7.8786, 9.0443,
9.8468

252.1284,
272.7274, 296.9454

■ 4.0685, 4.7701,
5.1932

302.2266,

■ 1.7410, 2.1130,

326.3899, 355.3737

2.3004

358.5570,
386.6666, 421.0036

■ 0.4817, 0.6719,
0.7314

■ 0.0000, 0.0000,
0.0000

■ 61.9544, 68.1259,
74.1742

■ 61.9544, 68.1259,
74.1742

■ 55.7923, 65.0265,
70.4823

■ 68.9822, 71.6730,
78.0184

■ 50.4547, 62.3478,
66.9357


■ 76.9033, 75.6762,
82.0131


■ 45.9057, 60.0733,
63.5330

■ 80.9220, 77.6653,
85.9361


■ 42.1042, 58.1818,
60.2713


■ 81.6591, 77.9601,
89.8174

 39.0056, 56.6504,
57.1476


 82.4178, 78.2636,
93.8126

 36.5603, 55.4534,
54.1583


 83.1982, 78.5758,
97.9227

 34.7121, 54.5620,
51.2999

 84.0007, 78.8968,
102.1484

 33.3950, 53.9421,
48.5681

 84.6228, 79.1456,
105.4243

 32.5174, 53.5465,
45.9576

Harmonies

Analogous

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



62.3250, 68.1259, 70.1839



61.9544, 68.1259, 74.1742



62.3238, 68.1259, 78.3139

Triad

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



61.9544, 68.1259, 74.1742



66.1802, 68.1259, 81.4445



66.1823, 68.1259, 67.3593

Complementary

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



61.9544, 68.1259, 74.1742



61.4771, 61.7592, 67.0764

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.



67.2417, 68.1259, 70.1895



61.9544, 68.1259, 74.1742



67.2405, 68.1259, 78.3198

Square

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



61.9544, 68.1259, 74.1742



64.7505, 68.1259, 82.6074



67.6318, 68.1259, 74.1808



64.7528, 68.1259, 66.3416

Rectangle

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



61.9544, 68.1259, 74.1742



62.9433, 68.1259, 80.5785



67.6318, 68.1259, 74.1808



66.5943, 68.1259, 68.1248

Sweetspot

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



61.9563, 68.1288, 74.1757



93.0058, 98.9684, 107.7983



61.5175, 68.0879, 65.7782



19.9285, 21.1941, 23.0849



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.



61.9563, 68.1288, 74.1757



86.2470, 95.5610, 104.0104



61.3823, 66.1473, 76.5537



13.3069, 14.7744, 16.0791



19.2245, 31.7224, 27.1456



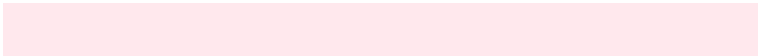
1.2778, 2.0681, 1.9292

Inverse Universe

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



61.4771, 61.7592, 67.0764



85.4631, 85.1424, 92.3984



62.0079, 63.5895, 64.8840



13.1811, 13.1015, 14.2147



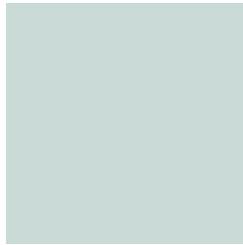
17.7194, 9.0888, 2.9025



1.1815, 0.6022, 0.3648

Previews

White Background



This preview shows how the XYZ color 61.9544, 68.1259, 74.1742 looks on a white background.

Color Contrast Check

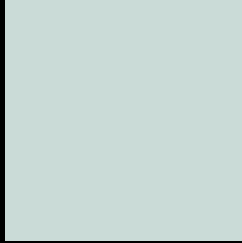
Large Text (above 18pt) WCAG AA × Fail

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 61.9544, 68.1259, 74.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

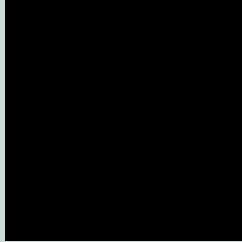
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

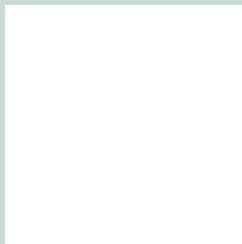
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9544, 68.1259, 74.1742

Background



This preview shows how black text looks on a background with the XYZ color 61.9544, 68.1259, 74.1742.



This preview shows how white text looks on a background with the XYZ color 61.9544, 68.1259,

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

61.9544, 68.1259, 74.1742

Protanopia

65.1436, 67.9067, 71.9612

Deuteranopia

69.3412, 67.7837, 75.0745



Tritanopia

64.4407, 67.9741, 86.8147

Trichromacy



Original Color

61.9544, 68.1259, 74.1742

Protanomaly

64.0067, 68.0620, 72.7145

Deuteranomaly

66.3696, 67.7328, 74.5414

Tritanomaly

63.4422, 67.9541, 81.7242

Monochromacy



Original Color

61.9544, 68.1259, 74.1742

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7325, 67.0112, 73.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9544, 68.1259, 74.1742 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(202, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 215)  
}
```

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(202, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.9544, 68.1259, 74.1742 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(202, 219, 215) }
```


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

```
.border{ border-color:rgb(202, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 219,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9544, 68.1259, 74.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 219, 215) }
```

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

```
.background{ background-color: rgb(202,  
219, 215) }
```

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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