

Converting Colors

XYZ(61.6571, 75.0785, 59.3722)

Have a look what the booklet for
XYZ(61.6571, 75.0785, 59.3722)
contains.

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Color

**XYZ(61.6864, 75.2671,
59.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ECBD
RGB	195, 236, 189
RGB Percent	76%, 93%, 74%
CMY	0.2353, 0.0745, 0.2588
CMYK	0.17, 0.00, 0.20, 0.07
HSL	112°, 55%, 83%
HSV	112°, 20%, 93%
XYZ	61.6864, 75.2671, 59.4209
YIQ	218.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

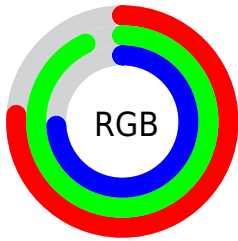
Format	Color
R _{YB}	189, 236, 230
Decimal	12840125
CIE _{Lab}	89.52, -21.92, 18.49
CIE _{LCh}	90, 28.675, 139.853
Yxy	75.2671, 0.3141, 0.3833
Android (android.graphics.Color)	4291030205 (0xFFC3ECBD)
YUV	218.3830, -14.4858, -20.5069
Hunter-Lab	86.7566, -24.9055, 20.1210

Details

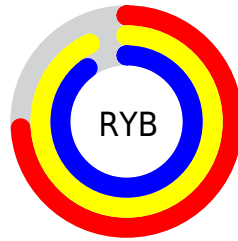
The XYZ color **61.6864, 75.2671, 59.4209** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9742, 59.2765, 87.3251**, and the grayscale version is **67.0081, 70.4978, 76.7721**.

A 20% lighter version of the original color is **92.3863, 98.8080, 100.5888**, and **31.7497, 40.0828, 29.3559** is the 20% darker color. If you saturate the color by 10%, you get **54.3727, 71.7713, 46.7767**, and if you desaturate by 10%, it is **70.1545, 79.3143, 74.2982**.

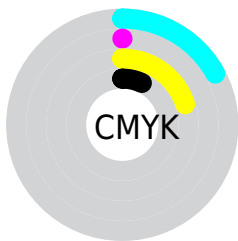
Distribution



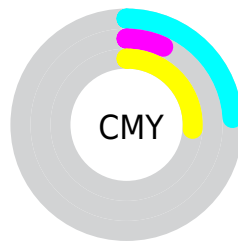
- Red (76%)
- Green (93%)
- Blue (74%)



- Red (74%)
- Yellow (93%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6864, 75.2671, 59.4209 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 61.6864, 75.2671, 59.4209 by changing the saturation by 10% instead.

■ 61.6864, 75.2671,
59.4209

■ 61.6864, 75.2671,
59.4209

420.5221,
478.8351, 440.2052

■ 45.0340, 55.8317,
42.5298

■ 106.3647,
126.6904, 105.5243

■ 31.6856, 40.0680,
29.1877

135.1212,
159.4471, 135.5736

■ 21.2758, 27.5916,
18.9761

168.6432,
197.4130, 170.8462

■ 13.4394, 18.0180,
11.4763

207.2960,
240.9726, 211.7604

■ 7.8109, 10.9629,
6.2700

251.4449,
290.5102, 258.7349

■ 4.0250, 6.0419,
2.9385

301.4553,

■ 1.7163, 2.8706,

346.4102, 312.1881

1.0633

357.6926,
409.0571, 372.5387

■ 0.4664, 1.0645,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6864, 75.2671,
59.4209

■ 61.6864, 75.2671,
59.4209

■ 54.3727, 71.7713,
46.7767

■ 70.1545, 79.3143,
74.2982

■ 48.1575, 68.7937,
36.2533

■ 79.8179, 83.9251,
91.5039

■ 42.9890, 66.3124,
27.7359

■ 89.2869, 88.4739,
106.9790

■ 38.8091, 64.3002,
21.0971

■ 35.5538, 62.7272,
16.1948

■ 33.1513, 61.5598,
12.8667

■ 31.5190, 60.7597,
10.9198

■ 30.5421, 60.2748,
10.0301

■ 30.5359, 60.2717,
10.0242

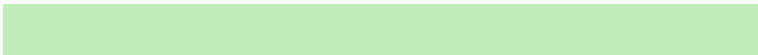
Harmonies

Analogous

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



67.0414, 75.2671, 50.6407



61.6864, 75.2671, 59.4209



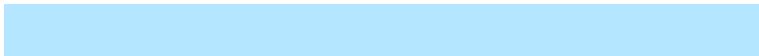
59.0291, 75.2671, 75.3141

Triad

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



61.6864, 75.2671, 59.4209



69.1818, 75.2671, 126.3239



85.0357, 75.2671, 69.4841

Complementary

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



61.6864, 75.2671, 59.4209



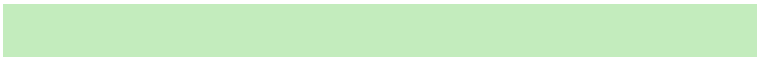
65.9742, 59.2765, 87.3251

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.



85.7024, 75.2671, 88.9712



61.6864, 75.2671, 59.4209



76.2336, 75.2671, 124.0727

Square

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



61.6864, 75.2671, 59.4209



63.1648, 75.2671, 115.2875



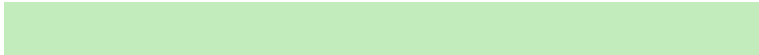
82.3888, 75.2671, 109.5635



80.6227, 75.2671, 55.7566

Rectangle

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



61.6864, 75.2671, 59.4209



59.0185, 75.2671, 88.7652



82.3888, 75.2671, 109.5635



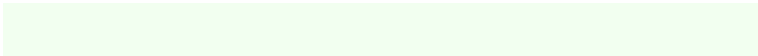
85.7159, 75.2671, 75.4987

Sweetspot

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



61.6884, 75.2703, 59.4226



87.9425, 96.6093, 96.2170



72.0033, 77.9559, 59.3973



18.6645, 20.6026, 20.3122



0.0000, 0.0000, 0.0000



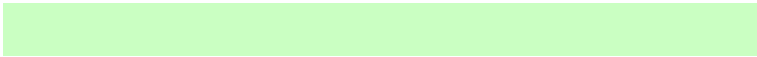
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6884, 75.2703, 59.4226



69.7271, 87.9084, 64.2143



62.1530, 75.2807, 69.7981



15.0470, 16.9542, 15.9982



16.8899, 33.2515, 5.5280



1.3839, 2.6407, 0.4368

Inverse Universe

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



65.9742, 59.2765, 87.3251



75.7218, 65.5231, 103.2640



65.5478, 59.3322, 74.8572



15.5147, 15.2106, 19.0405



22.4349, 10.6015, 44.6068



1.8145, 0.8597, 3.5052

Previews

White Background



This preview shows how the XYZ color 61.6864, 75.2671, 59.4209 looks on a white background.

Color Contrast Check

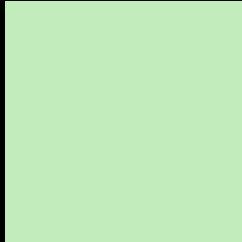
Large Text (above 18pt) WCAG AA × Fail

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 61.6864, 75.2671, 59.4209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

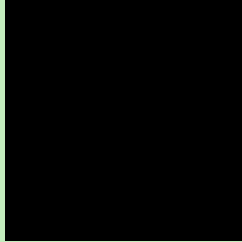
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6864, 75.2671, 59.4209

Background



This preview shows how black text looks on a background with the XYZ color 61.6864, 75.2671, 59.4209.

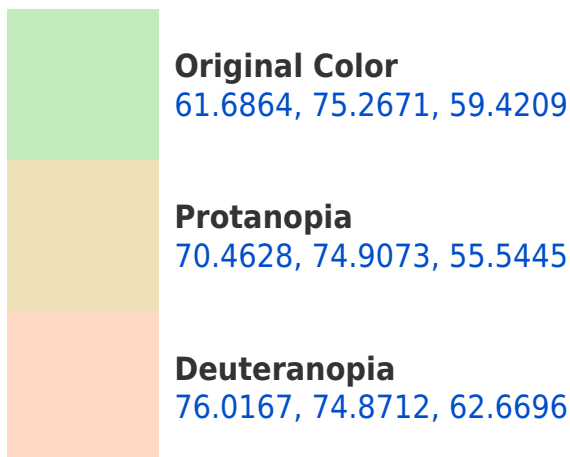


This preview shows how white text looks on a background with the XYZ color 61.6864, 75.2671,

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





Tritanopia

69.2798, 74.9780, 98.0095

Trichromacy



Original Color

61.6864, 75.2671, 59.4209

Protanomaly

66.6246, 74.5192, 56.7711

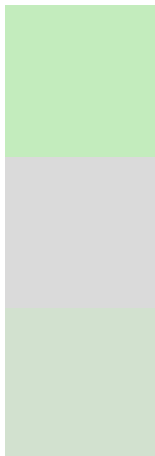
Deuteranomaly

69.8856, 74.4852, 61.1458

Tritanomaly

66.2539, 75.0056, 82.2197

Monochromacy



Original Color

61.6864, 75.2671, 59.4209

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.7660, 72.0571, 69.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6864, 75.2671, 59.4209 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(195, 236, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 236, 189)  
}
```

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(195, 236, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 236, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.6864, 75.2671, 59.4209 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(195, 236, 189) }
```


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

```
.border{ border-color:rgb(195, 236, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 236, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 236, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 236, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 236,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6864, 75.2671, 59.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 236, 189) }
```

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

```
.background{ background-color: rgb(195,  
236, 189) }
```

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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