

# Converting Colors

XYZ(61.2390, 69.5199, 65.7087)

Have a look what the booklet for  
XYZ(61.2390, 69.5199, 65.7087)  
contains.

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# Color

**XYZ(61.2874, 69.5490,  
65.4524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CADFC9
RGB	202, 223, 201
RGB Percent	79%, 87%, 79%
CMY	0.2078, 0.1255, 0.2118
CMYK	0.09, 0.00, 0.10, 0.13
HSL	117°, 26%, 83%
HSV	117°, 10%, 87%
XYZ	61.2874, 69.5490, 65.4524
YIQ	214.2130, -5.4540, -11.2940

# Conversions

## Conversions Part 2

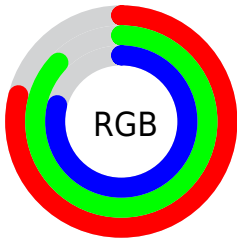
Format	Color
<a href="#">RYB</a>	<a href="#">201, 223, 222</a>
Decimal	<a href="#">13295561</a>
CIELab	<a href="#">86.78, -11.03, 8.41</a>
CIELCh	<a href="#">87, 13.870, 142.693</a>
Yxy	<a href="#">69.5490, 0.3122, 0.3543</a>
Android (android.graphics.Color)	<a href="#">4291485641</a> ( <a href="#">0xFFCADFC9</a> )
YUV	<a href="#">214.2130, -6.5140, -10.7108</a>
Hunter-Lab	<a href="#">83.3960, -14.7642, 11.8442</a>

# Details

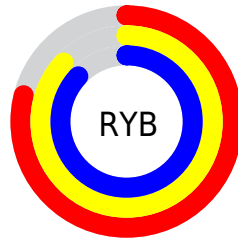
The XYZ color **61.2874, 69.5490, 65.4524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3329, 62.6325, 78.5143**, and the grayscale version is **64.1067, 67.4452, 73.4478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4818, 36.4077, 32.9719** is the 20% darker color. If you saturate the color by 10%, you get **53.4845, 65.8099, 52.3731**, and if you desaturate by 10%, it is **70.2696, 73.8560, 80.5778**.

# Distribution



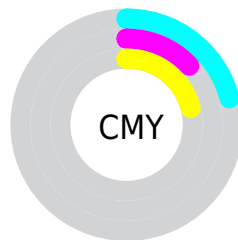
- Red (79%)
- Green (87%)
- Blue (79%)



- Red (79%)
- Yellow (87%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2874, 69.5490, 65.4524 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 61.2874, 69.5490, 65.4524 by changing the saturation by 10% instead.



■ 61.2874, 69.5490,  
65.4524

■ 61.2874, 69.5490,  
65.4524

419.0861,  
458.9649, 462.7666

■ 44.7106, 51.1589,  
47.3743

105.7907,  
118.5654, 114.3195

■ 31.4298, 36.3351,  
32.9752

134.4479,  
149.9605, 145.9456

■ 21.0798, 24.6931,  
21.8365

167.8626,  
186.4594, 182.9249

■ 13.2951, 15.8486,  
13.5396

206.4002,  
228.4465, 225.6758

■ 7.7105, 9.4171,  
7.6661

250.4259,  
276.3062, 274.6168

■ 3.9605, 5.0142,  
3.7974

300.3053,

■ 1.6798, 2.2556,

330.4229, 330.1666

1.5148

356.4035,  
391.1810, 392.7437

0.4436, 0.7501,  
0.2289

0.0000, 0.0000,  
0.0000

61.2874, 69.5490,  
65.4524

61.2874, 69.5490,  
65.4524

53.4845, 65.8099,  
52.3731

70.2696, 73.8560,  
80.5778

46.8066, 62.6066,  
41.2479

80.4711, 78.7439,  
97.8272

41.2033, 59.9173,  
31.9844

85.6791, 81.2581,  
105.7764

36.6187, 57.7151,  
24.4809

■ 32.9914, 55.9710,  
18.6261

■ 30.2535, 54.6526,  
14.2960

■ 28.3284, 53.7234,  
11.3489

■ 27.1261, 53.1407,  
9.6171

■ 26.5211, 52.8460,  
8.8110

# Harmonies

## Analogous

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



63.7376, 69.5490, 60.4772



61.2874, 69.5490, 65.4524



60.1347, 69.5490, 73.4878

# Triad

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



61.2874, 69.5490, 65.4524



65.3177, 69.5490, 94.7703



71.9998, 69.5490, 69.0717

# Complementary

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



61.2874, 69.5490, 65.4524



64.3329, 62.6325, 78.5143

# 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.



72.4563, 69.5490, 78.0113



61.2874, 69.5490, 65.4524



68.5288, 69.5490, 93.3465

# Square

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



61.2874, 69.5490, 65.4524



62.4119, 69.5490, 90.7703



71.1671, 69.5490, 87.0243



69.9394, 69.5490, 62.4450



# Rectangle

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



61.2874, 69.5490, 65.4524



60.2299, 69.5490, 79.7020



71.1671, 69.5490, 87.0243



72.3486, 69.5490, 71.8865

# Sweetspot

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



61.2893, 69.5520, 65.4539



91.2068, 98.1582, 102.4185



67.0719, 72.0980, 65.6406



19.3076, 20.9071, 21.5604



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

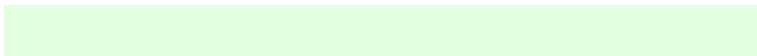


# Same Dimension

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



61.2893, 69.5520, 65.4539



80.5671, 93.0584, 84.5215



62.2226, 69.8942, 71.7759



13.5861, 15.3668, 14.5568



15.6156, 31.0826, 5.1765



1.1030, 2.1651, 0.3598



# Inverse Universe

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



64.3329, 62.6325, 78.5143



85.5437, 81.7439, 105.8772



63.3434, 62.2722, 71.7009



14.2303, 13.9023, 17.3211



23.9708, 11.4527, 41.9956

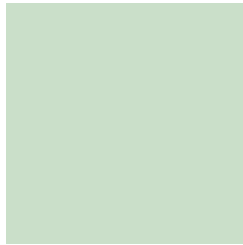


1.6808, 0.8038, 2.9118



# Previews

## White Background



This preview shows how the XYZ color 61.2874, 69.5490, 65.4524 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

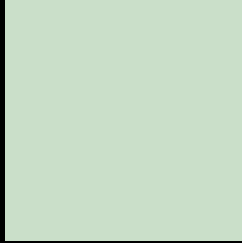
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.2874, 69.5490, 65.4524 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

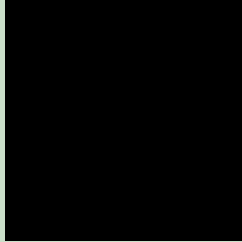
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

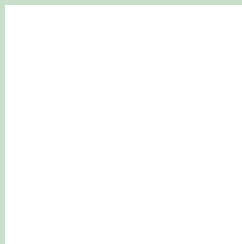
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.2874, 69.5490, 65.4524

## Background



This preview shows how black text looks on a background with the XYZ color 61.2874, 69.5490, 65.4524.



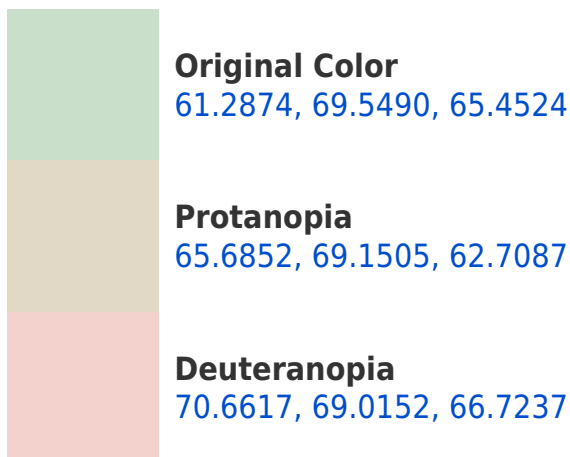
This preview shows how white text looks on a background with the XYZ color 61.2874, 69.5490,

65.4524.

# 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

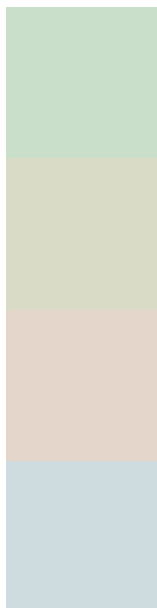




## Tritanopia

66.0792, 69.5509, 88.5392

# Trichromacy



## Original Color

61.2874, 69.5490, 65.4524

## Protanomaly

64.1398, 69.4920, 63.4588

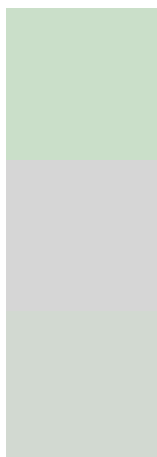
## Deuteranomaly

66.8210, 68.8989, 66.2769

## Tritanomaly

64.3661, 69.6359, 79.8607

# Monochromacy



## Original Color

61.2874, 69.5490, 65.4524

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

62.8998, 67.9308, 70.1184

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.2874, 69.5490, 65.4524 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, 223, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 201)  
}
```

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, 223, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 61.2874, 69.5490, 65.4524 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, 223, 201) }
```



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

```
.border{ border-color:rgb(202, 223, 201) }
```

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

Here you see how a box with a 4 pixel rgb(202, 223, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.2874, 69.5490, 65.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 201) }
```

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

```
.background{ background-color: rgb(202,  
223, 201) }
```

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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