

Converting Colors

XYZ(64.1240, 73.0210, 65.6676)

Have a look what the booklet for
XYZ(64.1240, 73.0210, 65.6676)
contains.

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Color

**XYZ(64.2984, 73.1137,
65.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E4C9
RGB	208, 228, 201
RGB Percent	82%, 89%, 79%
CMY	0.1843, 0.1059, 0.2118
CMYK	0.09, 0.00, 0.12, 0.11
HSL	104°, 33%, 84%
HSV	104°, 12%, 89%
XYZ	64.2984, 73.1137, 65.9818
YIQ	218.9420, -3.2530, -12.6370

Conversions

Conversions Part 2

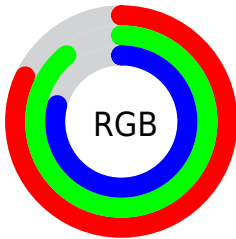
Format	Color
R_{YB}	201, 228, 221
Decimal	13690057
CIE Lab	88.50, -11.51, 10.93
CIE LCh	89, 15.876, 136.491
Yxy	73.1137, 0.3161, 0.3595
Android (android.graphics.Color)	4291880137 (0xFFD0E4C9)
YUV	218.9420, -8.8454, -9.5961
Hunter-Lab	85.5065, -15.4097, 14.1030

Details

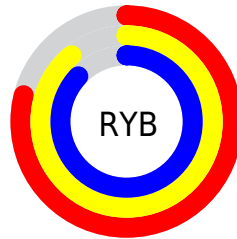
The XYZ color **64.2984, 73.1137, 65.9818** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64.7119, 62.7489, 82.1036**, and the grayscale version is **67.3544, 70.8621, 77.1688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5365, 38.8637, 33.3377** is the 20% darker color. If you saturate the color by 10%, you get **57.3146, 69.8028, 52.6780**, and if you desaturate by 10%, it is **72.1901, 76.8509, 81.4094**.

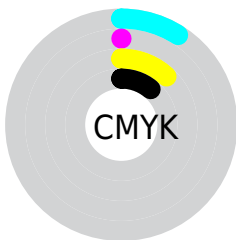
Distribution



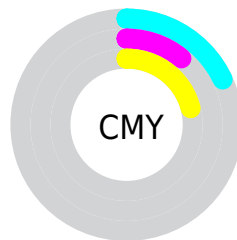
- Red (82%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2984, 73.1137, 65.9818 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 64.2984, 73.1137, 65.9818 by changing the saturation by 10% instead.

64.2984, 73.1137,
65.9818

64.2984, 73.1137,
65.9818

429.8516,
471.4088, 464.7142

47.1550, 54.0689,
47.8012

110.1119,
123.6386, 115.0870

33.3667, 38.6568,
33.3106

139.5127,
155.8875, 146.8486

22.5681, 26.4928,
22.0915

173.7300,
193.3067, 183.9745

14.3938, 17.1927,
13.7252

213.1292,
236.2804, 226.8829

8.4786, 10.3720,
7.7932

258.0756,
285.1930, 275.9926

4.4571, 5.6463,
3.8770

308.9345,

1.9638, 2.6312,

340.4291, 331.7220

1.5581

366.0714,
402.3728, 394.4897

■ 0.6135, 0.9424,
0.2607

■ 0.0000, 0.0000,
0.0000

■ 64.2984, 73.1137,
65.9818

■ 64.2984, 73.1137,
65.9818

■ 57.3146, 69.8028,
52.6780

■ 72.1901, 76.8509,
81.4094

■ 51.1996, 66.8937,
41.4004

■ 81.0153, 81.0193,
99.0430

■ 45.9199, 64.3734,
32.0508

■ 87.0348, 83.9697,
106.2283

■ 41.4377, 62.2247,
24.5213

■ 37.7122, 60.4293,
18.6930

■ 34.6983, 58.9667,
14.4331

■ 32.3459, 57.8146,
11.5890

■ 30.5973, 56.9470,
9.9775

■ 29.5544, 56.4225,
9.3330

Harmonies

Analogous

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



67.4274, 73.1137, 61.0875



64.2984, 73.1137, 65.9818



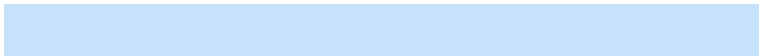
62.5900, 73.1137, 74.7932

Triad

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



64.2984, 73.1137, 65.9818



67.7900, 73.1137, 101.8725



76.7786, 73.1137, 73.7831

Complementary

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



64.2984, 73.1137, 65.9818



64.7119, 62.7489, 82.1036

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.



76.8844, 73.1137, 84.6260



64.2984, 73.1137, 65.9818



71.5991, 73.1137, 101.5388

Square

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



64.2984, 73.1137, 65.9818



64.5555, 73.1137, 95.8664



74.9588, 73.1137, 94.9927



74.6748, 73.1137, 65.3010

Rectangle

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



64.2984, 73.1137, 65.9818



62.4444, 73.1137, 82.0110



74.9588, 73.1137, 94.9927



77.0516, 73.1137, 77.2532

Sweetspot

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



64.3004, 73.1168, 65.9834



90.7254, 97.9553, 100.3517



68.3442, 72.3216, 65.6168



19.2495, 20.8863, 21.1463



0.0000, 0.0000, 0.0000



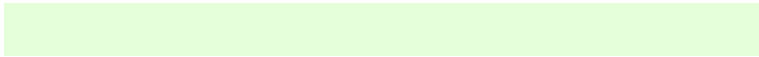
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3004, 73.1168, 65.9834



80.7565, 93.2350, 80.9649



63.1322, 72.4272, 69.8780



14.5378, 16.2688, 15.2784



17.1589, 32.6272, 5.3933



1.3531, 2.4549, 0.4025

Inverse Universe

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



64.7119, 62.7489, 82.1036



81.3770, 77.5867, 105.2944



66.0288, 63.5270, 77.6815



14.6114, 14.4174, 18.1571



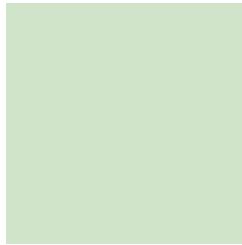
17.6383, 8.1588, 43.0283



1.3888, 0.6469, 3.1836

Previews

White Background



This preview shows how the XYZ color 64.2984, 73.1137, 65.9818 looks on a white background.

Color Contrast Check

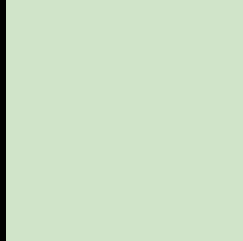
Large Text (above 18pt) WCAG AA × Fail

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 64.2984, 73.1137, 65.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

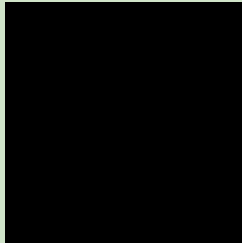
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

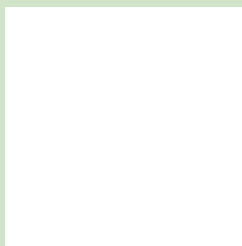
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2984, 73.1137, 65.9818

Background



This preview shows how black text looks on a background with the XYZ color 64.2984, 73.1137, 65.9818.



This preview shows how white text looks on a background with the XYZ color 64.2984, 73.1137,

65.9818.

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**

64.2984, 73.1137, 65.9818

Protanopia

68.8895, 72.7330, 63.2313

Deuteranopia

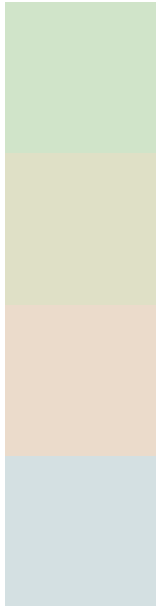
74.3700, 72.7768, 67.2543



Tritanopia

69.5810, 72.8300, 92.8284

Trichromacy



Original Color

64.2984, 73.1137, 65.9818

Protanomaly

67.2801, 73.0765, 63.9852

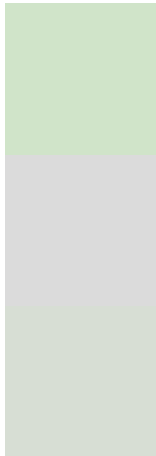
Deuteranomaly

70.3720, 72.6370, 66.8113

Tritanomaly

67.5345, 72.7993, 82.4437

Monochromacy



Original Color

64.2984, 73.1137, 65.9818

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.0293, 71.4431, 72.5971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2984, 73.1137, 65.9818 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(208, 228, 201) looks like.

```
.text, #text, p{  
    color:rgb(208, 228, 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(208, 228, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 228, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.2984, 73.1137, 65.9818 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(208, 228, 201) }
```


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

```
.border{ border-color:rgb(208, 228, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 228, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 228, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 228, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 228,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2984, 73.1137, 65.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 228, 201) }
```

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

```
.background{ background-color: rgb(208,  
228, 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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