

# Converting Colors

XYZ(67.2606, 74.2394, 74.2010)

Have a look what the booklet for  
XYZ(67.2606, 74.2394, 74.2010)  
contains.

<b>XYZ(67.0473, 73.9393, 74.3563)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(67.0473, 73.9393,  
74.3563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E3D6
RGB	213, 227, 214
RGB Percent	84%, 89%, 84%
CMY	0.1647, 0.1098, 0.1608
CMYK	0.06, 0.00, 0.06, 0.11
HSL	124°, 20%, 86%
HSV	124°, 6%, 89%
XYZ	67.0473, 73.9393, 74.3563
YIQ	221.3320, -4.1710, -7.0110

# Conversions

## Conversions Part 2

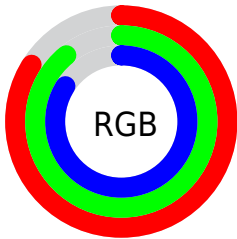
Format	Color
<a href="#">RYB</a>	<a href="#">213, 226, 227</a>
Decimal	<a href="#">14017494</a>
CIELab	<a href="#">88.89, -7.04, 4.73</a>
CIElCh	<a href="#">89, 8.477, 146.095</a>
Yxy	<a href="#">73.9393, 0.3114, 0.3434</a>
Android (android.graphics.Color)	<a href="#">4292207574 (0xFFD5E3D6)</a>
YUV	<a href="#">221.3320, -3.6147, -7.3072</a>
Hunter-Lab	<a href="#">85.9880, -11.2973, 8.9218</a>

# Details

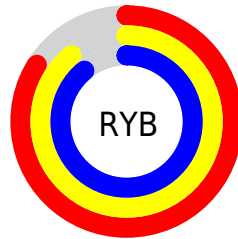
The XYZ color **67.0473, 73.9393, 74.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2030, 69.4123, 81.7057**, and the grayscale version is **68.9889, 72.5817, 79.0415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1111, 39.2774, 38.5316** is the 20% darker color. If you saturate the color by 10%, you get **58.3980, 69.7737, 60.7964**, and if you desaturate by 10%, it is **76.9709, 78.7257, 89.7975**.

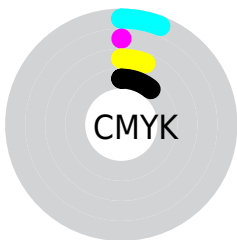
# Distribution



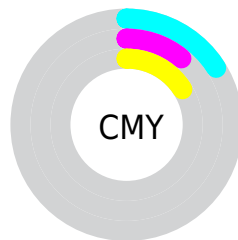
- Red (84%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0473, 73.9393, 74.3563 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 67.0473, 73.9393, 74.3563 by changing the saturation by 10% instead.



■ 67.0473, 73.9393,  
74.3563

■ 67.0473, 73.9393,  
74.3563

439.5429,  
474.2638, 494.8984

■ 49.3939, 54.7444,  
54.5872

114.0376,  
124.8098, 127.1395

■ 35.1479, 39.1971,  
38.6749

144.1052,  
157.2541, 160.9906

■ 23.9439, 26.9131,  
26.2010

179.0416,  
194.8836, 200.3727

■ 15.4165, 17.5080,  
16.7470

219.2122,  
238.0828, 245.7045

■ 9.2004, 10.5973,  
9.8942

264.9822,  
287.2360, 297.4044

■ 4.9303, 5.7968,  
5.2242

316.7172,

■ 2.2408, 2.7219,

342.7277, 355.8910

2.3184

374.7823,  
404.9422, 421.5828

■ 0.7641, 0.9883,  
0.7415

■ 0.0000, 0.0000,  
0.0000

■ 67.0473, 73.9393,  
74.3563

■ 67.0473, 73.9393,  
74.3563

■ 58.3980, 69.7737,  
60.7964

■ 76.9709, 78.7257,  
89.7975

■ 50.9653, 66.1945,  
49.0413

■ 86.7605, 83.4209,  
106.1368

■ 44.6967, 63.1783,  
39.0164

■ 39.5329, 60.6963,  
30.6400

■ 35.4098, 58.7174,  
23.8239

■ 32.2567, 57.2071,  
18.4717

■ 29.9936, 56.1266,  
14.4761

■ 28.5283, 55.4308,  
11.7154

■ 27.7472, 55.0642,  
10.0459

# Harmonies

## Analogous

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



68.5528, 73.9393, 70.7629



67.0473, 73.9393, 74.3563



66.4069, 73.9393, 79.7388

# Triad

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



67.0473, 73.9393, 74.3563



70.0082, 73.9393, 92.3376



73.8870, 73.9393, 75.6300

# Complementary

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



67.0473, 73.9393, 74.3563



69.2030, 69.4123, 81.7057

# 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.



74.2948, 73.9393, 81.2808



67.0473, 73.9393, 74.3563



72.0301, 73.9393, 91.1076

# Square

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



67.0473, 73.9393, 74.3563



68.0952, 73.9393, 90.2728



73.6090, 73.9393, 86.9886

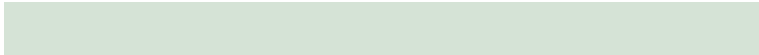


72.5051, 73.9393, 71.4728



# Rectangle

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



67.0473, 73.9393, 74.3563



66.5473, 73.9393, 83.6865



73.6090, 73.9393, 86.9886



74.1437, 73.9393, 77.4097

# Sweetspot

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



67.0494, 73.9425, 74.3579



92.4453, 98.7442, 104.8470



70.8674, 75.9254, 73.8719



19.8144, 21.1485, 22.4840



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.



67.0494, 73.9425, 74.3579



86.2303, 95.7484, 95.1529



67.9543, 74.3044, 79.1232



14.6084, 16.2877, 16.0711



16.0911, 32.0685, 5.7140



1.2038, 2.3756, 0.4997



# Inverse Universe

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



69.2030, 69.4123, 81.7057



89.4131, 89.0534, 106.0119



68.2702, 69.0392, 76.7937



15.1899, 15.0646, 18.0550



25.3353, 12.2684, 36.9905

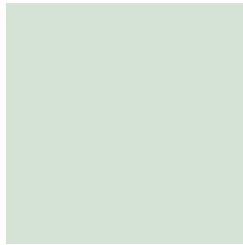


1.8856, 0.9119, 2.8040



# Previews

## White Background



This preview shows how the XYZ color 67.0473, 73.9393, 74.3563 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

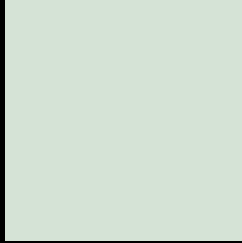
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 67.0473, 73.9393, 74.3563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

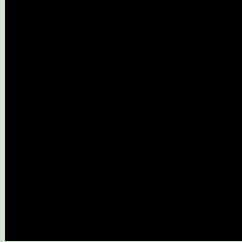
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

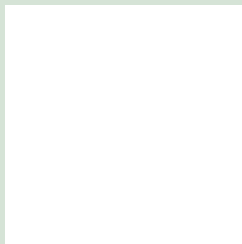
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 67.0473, 73.9393, 74.3563**

## **Background**



This preview shows how black text looks on a background with the XYZ color 67.0473, 73.9393, 74.3563.



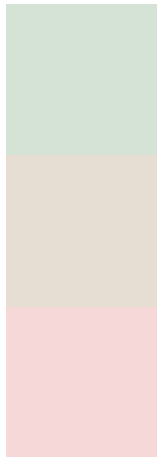
This preview shows how white text looks on a background with the XYZ color 67.0473, 73.9393,



# 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

67.0473, 73.9393, 74.3563

### Protanopia

70.5123, 73.7687, 72.1504

### Deuteranopia

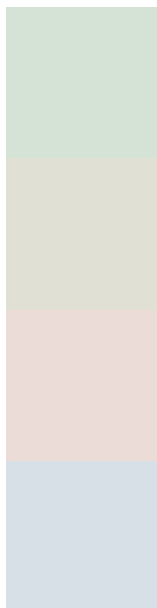
75.3083, 73.8438, 75.2498



## Tritanopia

70.8801, 73.8779, 93.7432

# Trichromacy



## Original Color

67.0473, 73.9393, 74.3563

## Protanomaly

69.2798, 73.9121, 72.9024

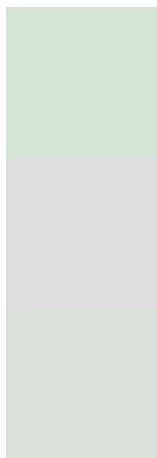
## Deuteranomaly

72.1199, 73.7549, 74.7250

## Tritanomaly

69.3984, 73.6798, 86.1652

# Monochromacy



## Original Color

67.0473, 73.9393, 74.3563

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

67.9560, 72.7427, 76.7888

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 67.0473, 73.9393, 74.3563 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(213, 227, 214) looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 214)  
}
```

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(213, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 67.0473, 73.9393, 74.3563 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(213, 227, 214) }
```



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

```
.border{ border-color:rgb(213, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 67.0473, 73.9393, 74.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 214) }
```

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

```
.background{ background-color: rgb(213,  
227, 214) }
```

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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