

Converting Colors

XYZ(63.4242, 66.7113, 74.4995)

Have a look what the booklet for
XYZ(63.4242, 66.7113, 74.4995)
contains.

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Color

**XYZ(63.3403, 66.5434,
74.4715)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5D8
RGB	212, 213, 216
RGB Percent	83%, 84%, 85%
CMY	0.1686, 0.1647, 0.1529
CMYK	0.02, 0.01, 0.00, 0.15
HSL	225°, 5%, 84%
HSV	225°, 2%, 85%
XYZ	63.3403, 66.5434, 74.4715
YIQ	213.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

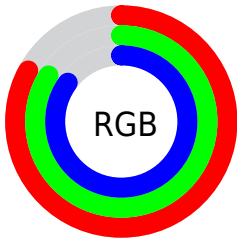
Format	Color
R _{YB}	212, 213, 216
Decimal	13948376
CIE Lab	85.27, 0.21, -1.61
CIE LCh	85, 1.620, 277.571
Yxy	66.5434, 0.3100, 0.3256
Android (android.graphics.Color)	4292138456 (0xFFD4D5D8)
YUV	213.0430, 1.4578, -0.9147
Hunter-Lab	81.5741, -4.1539, 2.9743

Details

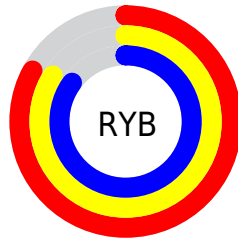
The XYZ color **63.3403, 66.5434, 74.4715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5031, 67.9526, 72.0049**, and the grayscale version is **63.2675, 66.5624, 72.4864**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5645, 34.1950, 38.6022** is the 20% darker color. If you saturate the color by 10%, you get **53.6567, 55.8094, 72.9110**, and if you desaturate by 10%, it is **74.2668, 78.5248, 76.2093**.

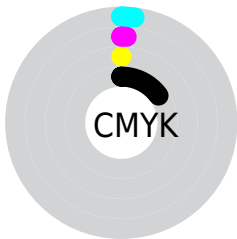
Distribution



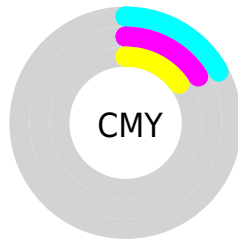
- Red (83%)
- Green (84%)
- Blue (85%)



- Red (83%)
- Yellow (84%)
- Blue (85%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3403, 66.5434, 74.4715 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 63.3403, 66.5434, 74.4715 by changing the saturation by 10% instead.

■ 63.3403, 66.5434,
74.4715

■ 63.3403, 66.5434,
74.4715

426.4435,
448.3178, 495.3059

■ 46.3762, 48.7137,
54.6809

108.7394,
114.2659, 127.3042

■ 32.7487, 34.3924,
38.7494

137.9051,
144.9275, 161.1833

■ 22.0923, 23.1952,
26.2585

171.8688,
180.6351, 200.5958

■ 14.0417, 14.7377,
16.7896

210.9957,
221.7731, 245.9600

■ 8.2316, 8.6355,
9.9243

255.6513,
268.7260, 297.6946

■ 4.2965, 4.5042,
5.2438

306.2009,

■ 1.8712, 1.9594,

321.8782, 356.2181

2.3298

363.0099,
381.6139, 421.9490

■ 0.5600, 0.5837,
0.7478

■ 0.0000, 0.0000,
0.0000

■ 63.3403, 66.5434,
74.4715

■ 63.3403, 66.5434,
74.4715

■ 53.6567, 55.8094,
72.9110

■ 74.2668, 78.5248,
76.2093

■ 45.1657, 46.2735,
71.5179

■ 86.3986, 91.7454,
78.1217

■ 37.8217, 37.8959,
70.2880

■ 89.3949, 97.7379,
79.1204

■ 31.5742, 30.6310,
69.2150

■ 26.3685, 24.4303,
68.2925

■ 22.1453, 19.2415,
67.5135

■ 18.8390, 15.0075,
66.8706

■ 16.3750, 11.6649,
66.3552

■ 14.6663, 9.1416,
65.9582

Harmonies

Analogous

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



62.9793, 66.5434, 74.3341



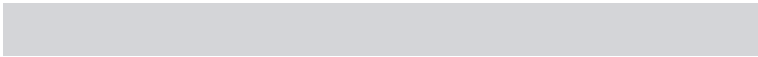
63.3403, 66.5434, 74.4715



63.6777, 66.5434, 74.0643

Triad

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



63.3403, 66.5434, 74.4715



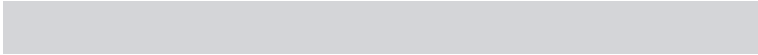
63.8071, 66.5434, 71.2320



62.5990, 66.5434, 71.6879

Complementary

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



63.3403, 66.5434, 74.4715



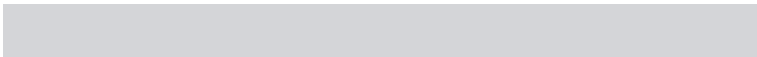
64.5031, 67.9526, 72.0049

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.



62.8192, 66.5434, 70.8681



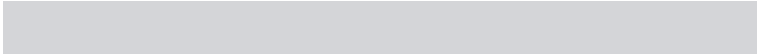
63.3403, 66.5434, 74.4715



63.5165, 66.5434, 70.6067

Square

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



63.3403, 66.5434, 74.4715



63.9479, 66.5434, 72.1891



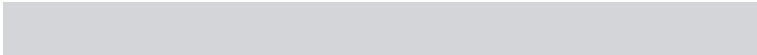
63.1548, 66.5434, 70.4742



62.5522, 66.5434, 72.7204

Rectangle

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



63.3403, 66.5434, 74.4715



63.8436, 66.5434, 73.5410



63.1548, 66.5434, 70.4742



62.6552, 66.5434, 71.3786

Sweetspot

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



63.3422, 66.5462, 74.4730



93.5117, 98.3068, 108.6543



63.9654, 68.0127, 74.0025



20.0316, 21.0596, 23.2591



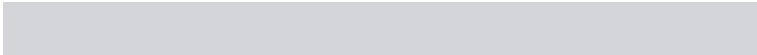
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

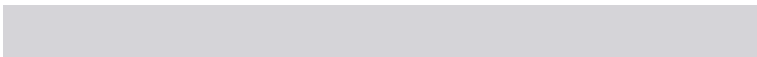
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3422, 66.5462, 74.4730



91.9918, 96.6321, 108.4111



63.3604, 66.1821, 74.4017



13.5821, 14.2687, 15.9758



8.1952, 4.6522, 38.9192



0.5607, 0.4135, 2.3696

Inverse Universe

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



63.8741, 66.4912, 72.4217



92.8354, 96.5454, 105.1573



64.4845, 68.3234, 72.0774



13.6981, 14.2567, 15.5283



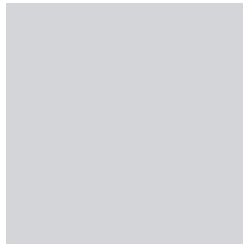
17.1954, 8.8145, 3.0673



1.0707, 0.5451, 0.3616

Previews

White Background



This preview shows how the XYZ color 63.3403, 66.5434, 74.4715 looks on a white background.

Color Contrast Check

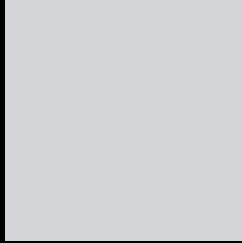
Large Text (above 18pt) WCAG AA × Fail

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 63.3403, 66.5434, 74.4715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

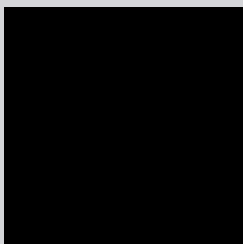
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

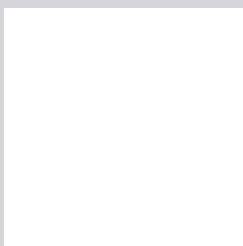
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3403, 66.5434, 74.4715

Background



This preview shows how black text looks on a background with the XYZ color 63.3403, 66.5434, 74.4715.

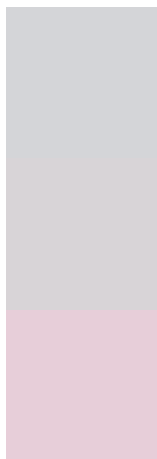


This preview shows how white text looks on a background with the XYZ color 63.3403, 66.5434,

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

63.3403, 66.5434, 74.4715

Protanopia

64.1281, 66.5922, 73.7636

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

65.0294, 66.4861, 82.8045

Trichromacy



Original Color

63.3403, 66.5434, 74.4715

Protanomaly

63.8336, 66.4403, 73.7499

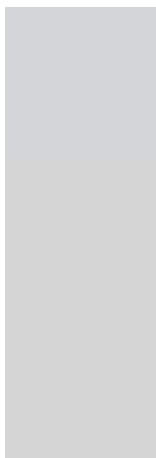
Deuteranomaly

66.0653, 66.4580, 74.9913

Tritanomaly

64.4386, 66.6149, 79.9827

Monochromacy



Original Color

63.3403, 66.5434, 74.4715

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3724, 66.5897, 73.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3403, 66.5434, 74.4715 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(212, 213, 216) looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 216)  
}
```

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(212, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.3403, 66.5434, 74.4715 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(212, 213, 216) }
```


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

```
.border{ border-color:rgb(212, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3403, 66.5434, 74.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 216) }
```

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

```
.background{ background-color: rgb(212,  
213, 216) }
```

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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