

Converting Colors

XYZ(66.5712, 74.1641, 63.7722)

Have a look what the booklet for
XYZ(66.5712, 74.1641, 63.7722)
contains.

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Color

**XYZ(66.7349, 74.4234,
63.6712)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE4C5
RGB	218, 228, 197
RGB Percent	85%, 89%, 77%
CMY	0.1451, 0.1059, 0.2274
CMYK	0.04, 0.00, 0.14, 0.11
HSL	79°, 36%, 83%
HSV	79°, 14%, 89%
XYZ	66.7349, 74.4234, 63.6712
YIQ	221.4760, 3.9910, -11.7610

Conversions

Conversions Part 2

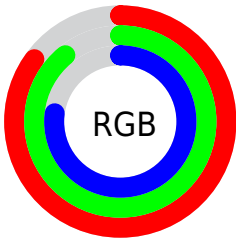
Format	Color
RYB	197, 228, 207
Decimal	14345413
CIELab	89.12, -8.71, 14.00
CIELCh	89, 16.488, 121.897
Yxy	74.4234, 0.3258, 0.3633
Android (android.graphics.Color)	4292535493 (0xFFDAE4C5)
YUV	221.4760, -12.0667, -3.0485
Hunter-Lab	86.2690, -12.8889, 16.6291

Details

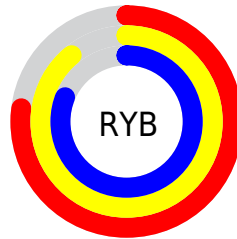
The XYZ color **66.7349, 74.4234, 63.6712** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.7048, 58.8014, 81.6057**, and the grayscale version is **69.1438, 72.7446, 79.2189**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.0058, 39.6568, 31.7961** is the 20% darker color. If you saturate the color by 10%, you get **62.1665, 72.3499, 50.8358**, and if you desaturate by 10%, it is **71.8002, 76.7118, 78.5956**.

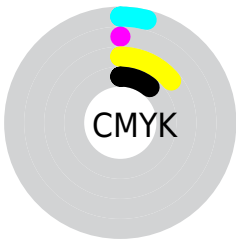
Distribution



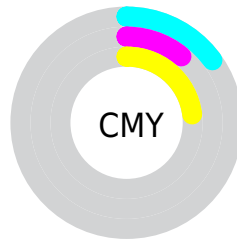
- Red (85%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7349, 74.4234, 63.6712 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 66.7349, 74.4234, 63.6712 by changing the saturation by 10% instead.

66.7349, 74.4234,
63.6712

66.7349, 74.4234,
63.6712

438.4479,
475.9334, 456.1761

49.1391, 55.1406,
45.9399

113.5924,
125.4958, 111.7322

34.9448, 39.5143,
31.8501

143.5848,
158.0543, 142.8990

23.7867, 27.1601,
20.9832

178.4401,
195.8068, 179.3814

15.2994, 17.6935,
12.9206

218.5237,
239.1377, 221.5979

9.1174, 10.7302,
7.2438

264.2009,
288.4314, 269.9671

4.8756, 5.8857,
3.5343

315.8371,

2.2085, 2.7757,

344.0723, 324.9075

1.3735

373.7976,
406.4449, 386.8377

■ 0.7472, 1.0158,
0.1209

■ 0.0000, 0.0000,
0.0000

■ 66.7349, 74.4234,
63.6712

■ 66.7349, 74.4234,
63.6712

■ 62.1665, 72.3499,
50.8358

■ 71.8002, 76.7118,
78.5956

■ 58.0701, 70.4739,
39.9913

■ 77.3741, 79.2127,
95.6915

■ 54.4273, 68.7904,
31.0391

■ 81.7548, 81.2478,
105.9812

■ 51.2162, 67.2903,
23.8701

■ 84.3046, 82.5622,
106.1005

■ 48.4126, 65.9640,
18.3642

■ 86.9567, 83.9295,
106.2246

■ 45.9896, 64.8004,
14.3864

■ 87.0349, 83.9697,
106.2283

■ 43.9160, 63.7870,
11.7807

■ 42.1547, 62.9086,
10.3578

■ 41.1538, 62.4023,
9.8758

Harmonies

Analogous

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



70.4819, 74.4234, 60.8799



66.7349, 74.4234, 63.6712



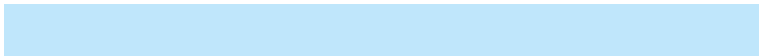
64.1419, 74.4234, 71.0567

Triad

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



66.7349, 74.4234, 63.6712



67.1616, 74.4234, 102.1498



78.7391, 74.4234, 80.3047

Complementary

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



66.7349, 74.4234, 63.6712



59.7048, 58.8014, 81.6057

Split Complementary

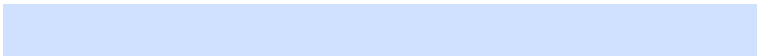
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7698, 74.4234, 91.9050



66.7349, 74.4234, 63.6712



70.9931, 74.4234, 105.2083

Square

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



66.7349, 74.4234, 63.6712



64.3816, 74.4234, 93.2907



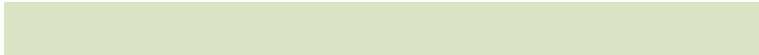
74.8964, 74.4234, 101.2980



77.4979, 74.4234, 69.9016

Rectangle

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



66.7349, 74.4234, 63.6712



63.3643, 74.4234, 77.9569



74.8964, 74.4234, 101.2980



78.6609, 74.4234, 84.1919

Sweetspot

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



66.7369, 74.4266, 63.6728



92.2504, 98.7415, 100.4231



64.3440, 65.0644, 61.9918



19.6352, 21.0852, 21.1643



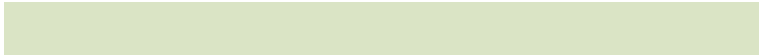
0.0000, 0.0000, 0.0000



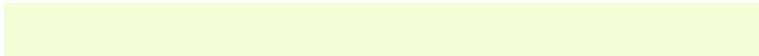
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7369, 74.4266, 63.6728



84.4844, 95.2333, 77.6814



62.3662, 72.1735, 63.4683



15.1258, 16.5719, 15.3059



23.8914, 36.0980, 5.7084



1.8616, 2.7170, 0.4263

Inverse Universe

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



59.7048, 58.8014, 81.6057



73.9411, 71.8048, 104.5703



64.1937, 61.1155, 81.8158



14.0185, 14.1118, 18.1293



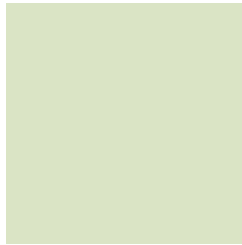
9.8079, 4.1220, 42.6619



0.8191, 0.3532, 3.1570

Previews

White Background



This preview shows how the XYZ color 66.7349, 74.4234, 63.6712 looks on a white background.

Color Contrast Check

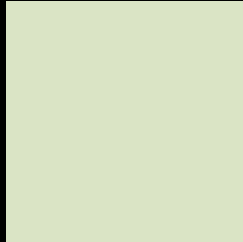
Large Text (above 18pt) WCAG AA × Fail

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 66.7349, 74.4234, 63.6712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

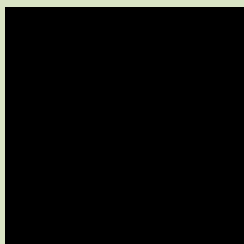
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

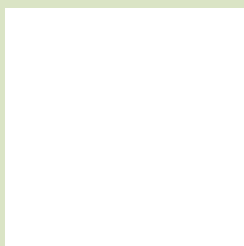
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7349, 74.4234, 63.6712

Background



This preview shows how black text looks on a background with the XYZ color 66.7349, 74.4234, 63.6712.

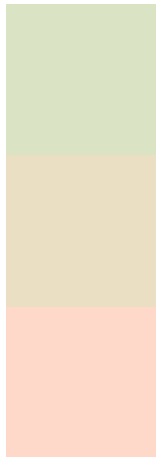


This preview shows how white text looks on a background with the XYZ color 66.7349, 74.4234,

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

66.7349, 74.4234, 63.6712

Protanopia

70.0570, 74.1628, 61.6614

Deuteranopia

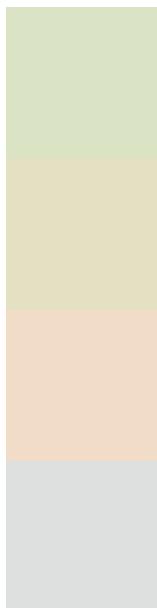
75.8542, 74.3527, 64.9971



Tritanopia

72.4417, 74.3218, 92.1888

Trichromacy



Original Color

66.7349, 74.4234, 63.6712

Protanomaly

68.7704, 74.2845, 62.3435

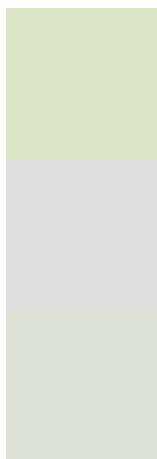
Deuteranomaly

72.1776, 74.0107, 64.5142

Tritanomaly

70.2344, 74.2227, 81.1457

Monochromacy



Original Color

66.7349, 74.4234, 63.6712

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0545, 73.2804, 72.8450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7349, 74.4234, 63.6712 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(218, 228, 197) looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 197)  
}
```

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(218, 228, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 197) }
```

Border

The CSS property to change the border of an element to XYZ 66.7349, 74.4234, 63.6712 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(218, 228, 197) }
```


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

```
.border{ border-color:rgb(218, 228, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 228, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 197);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7349, 74.4234, 63.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 197) }
```

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

```
.background{ background-color: rgb(218,  
228, 197) }
```

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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