

Converting Colors

XYZ(66.3652, 74.0388, 72.4211)

Have a look what the booklet for
XYZ(66.3652, 74.0388, 72.4211)
contains.

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Color

**XYZ(66.3652, 74.0388,
72.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E4D3
RGB	211, 228, 211
RGB Percent	83%, 89%, 83%
CMY	0.1725, 0.1059, 0.1725
CMYK	0.07, 0.00, 0.07, 0.11
HSL	120°, 24%, 86%
HSV	120°, 7%, 89%
XYZ	66.3652, 74.0388, 72.4211
YIQ	220.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

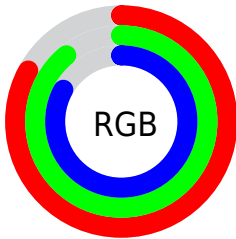
Format	Color
RYB	211, 228, 228
Decimal	13886675
CIELab	88.94, -8.75, 6.35
CIElCh	89, 10.814, 144.035
Yxy	74.0388, 0.3118, 0.3479
Android (android.graphics.Color)	4292076755 (0xFFD3E4D3)
YUV	220.9790, -4.9196, -8.7516
Hunter-Lab	86.0458, -12.9071, 10.3302

Details

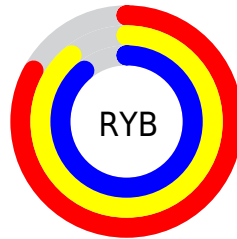
The XYZ color **66.3652, 74.0388, 72.4211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2954, 68.6857, 83.0077**, and the grayscale version is **68.7500, 72.3304, 78.7678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7397, 39.3894, 37.6702** is the 20% darker color. If you saturate the color by 10%, you get **57.6322, 69.8461, 58.1351**, and if you desaturate by 10%, it is **76.4343, 78.8777, 88.8890**.

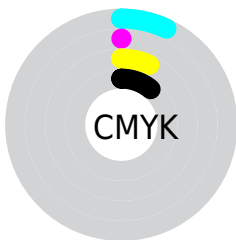
Distribution



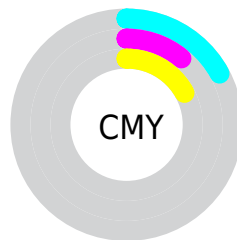
- Red (83%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3652, 74.0388, 72.4211 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 66.3652, 74.0388, 72.4211 by changing the saturation by 10% instead.

■ 66.3652, 74.0388,
72.4211

■ 66.3652, 74.0388,
72.4211

437.1499,
474.6073, 488.0229

■ 48.8377, 54.8258,
53.0138

113.0652,
124.9508, 124.3683

■ 34.7048, 39.2623,
37.4260

142.9684,
157.4186, 157.7453

■ 23.6010, 26.9638,
25.2391

177.7275,
195.0734, 196.6160

■ 15.1610, 17.5460,
16.0347

217.7079,
238.2997, 241.3988

■ 9.0195, 10.6246,
9.3941

263.2751,
287.4819, 292.5124

■ 4.8111, 5.8150,
4.8988

314.7942,

■ 2.1705, 2.7329,

343.0042, 350.3752

2.1303

372.6307,
405.2512, 415.4059

■ 0.7271, 0.9939,
0.6337

■ 0.0000, 0.0000,
0.0000

■ 66.3652, 74.0388,
72.4211

■ 66.3652, 74.0388,
72.4211

■ 57.6322, 69.8461,
58.1351

■ 76.4343, 78.8777,
88.8890

■ 50.1734, 66.2632,
45.9350

■ 87.0348, 83.9697,
106.2283

■ 43.9311, 63.2648,
35.7246

■ 38.8409, 60.8196,
27.3985

■ 34.8322, 58.8941,
20.8415

■ 31.8270, 57.4505,
15.9258

■ 29.7366, 56.4464,
12.5066

■ 28.4571, 55.8318,
10.4135

■ 27.8492, 55.5398,
9.4191

Harmonies

Analogous

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



68.3360, 74.0388, 68.1219



66.3652, 74.0388, 72.4211



65.4703, 74.0388, 79.1228

Triad

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



66.3652, 74.0388, 72.4211



69.8484, 74.0388, 95.8634



75.0825, 74.0388, 74.8706

Complementary

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



66.3652, 74.0388, 72.4211



69.2954, 68.6857, 83.0077

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.



75.5117, 74.0388, 82.1272



66.3652, 74.0388, 72.4211



72.4474, 74.0388, 94.5507

Square

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



66.3652, 74.0388, 72.4211



67.4489, 74.0388, 92.8898



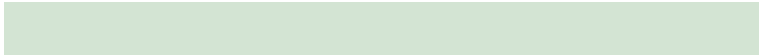
74.5362, 74.0388, 89.4062



73.3776, 74.0388, 69.4734

Rectangle

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



66.3652, 74.0388, 72.4211



65.5879, 74.0388, 84.1721



74.5362, 74.0388, 89.4062



75.3825, 74.0388, 77.1608

Sweetspot

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



66.3673, 74.0420, 72.4227



92.3882, 98.7214, 104.5461



71.4994, 76.6877, 72.6627



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



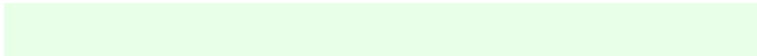
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3673, 74.0420, 72.4227



83.6276, 94.5132, 90.2168



67.4617, 74.4798, 78.1861



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



69.2954, 68.6857, 83.0077



88.1606, 86.2213, 106.6031



68.1437, 68.2250, 76.9429



14.9952, 14.6153, 18.1750



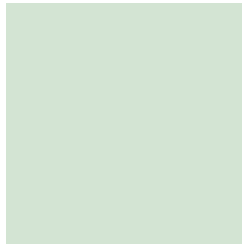
26.5608, 12.7585, 43.4438



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 66.3652, 74.0388, 72.4211 looks on a white background.

Color Contrast Check

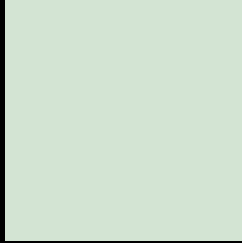
Large Text (above 18pt) WCAG AA × Fail

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 66.3652, 74.0388, 72.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

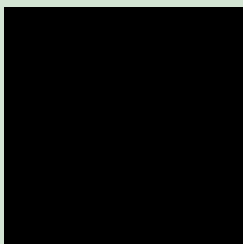
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

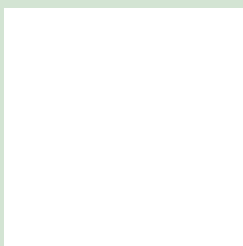
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3652, 74.0388, 72.4211

Background



This preview shows how black text looks on a background with the XYZ color 66.3652, 74.0388, 72.4211.

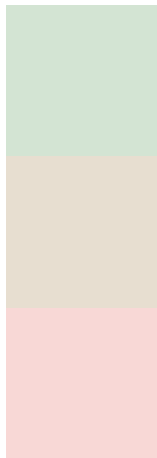


This preview shows how white text looks on a background with the XYZ color 66.3652, 74.0388,

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

66.3652, 74.0388, 72.4211

Protanopia

70.4614, 73.7855, 70.2028

Deuteranopia

75.4049, 73.9232, 73.9127



Tritanopia

70.8517, 74.2611, 93.8186

Trichromacy



Original Color

66.3652, 74.0388, 72.4211

Protanomaly

68.9047, 73.7621, 70.9274

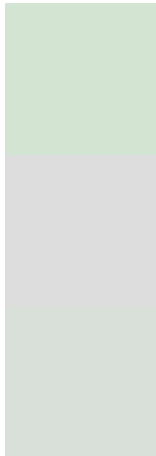
Deuteranomaly

71.8644, 73.6527, 73.3795

Tritanomaly

68.9397, 73.8597, 85.4858

Monochromacy



Original Color

66.3652, 74.0388, 72.4211

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7953, 73.0728, 76.1769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3652, 74.0388, 72.4211 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(211, 228, 211) looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 211)  
}
```

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(211, 228, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 211) }
```

Border

The CSS property to change the border of an element to XYZ 66.3652, 74.0388, 72.4211 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(211, 228, 211) }
```


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

```
.border{ border-color:rgb(211, 228, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 228, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3652, 74.0388, 72.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 211) }
```

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

```
.background{ background-color: rgb(211,  
228, 211) }
```

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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