

Converting Colors

XYZ(72.4799, 84.0787, 63.3130)

Have a look what the booklet for
XYZ(72.4799, 84.0787, 63.3130)
contains.

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Color

**XYZ(72.5197, 84.2844,
63.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF4C2
RGB	223, 244, 194
RGB Percent	87%, 96%, 76%
CMY	0.1255, 0.0431, 0.2392
CMYK	0.09, 0.00, 0.20, 0.04
HSL	85°, 69%, 86%
HSV	85°, 20%, 96%
XYZ	72.5197, 84.2844, 63.4853
YIQ	232.0210, 3.5340, -20.0020

Conversions

Conversions Part 2

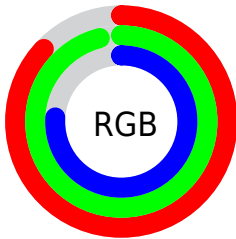
Format	Color
RYB	194, 244, 215
Decimal	14677186
CIELab	93.57, -15.41, 21.84
CIELCh	94, 26.729, 125.217
Yxy	84.2844, 0.3292, 0.3826
Android (android.graphics.Color)	4292867266 (0xFFDFF4C2)
YUV	232.0210, -18.7444, -7.9114
Hunter-Lab	91.8065, -19.6609, 23.2648

Details

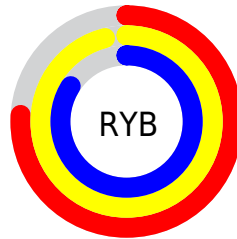
The XYZ color **72.5197, 84.2844, 63.4853** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.6487, 59.5647, 93.7350**, and the grayscale version is **76.8534, 80.8558, 88.0520**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **38.8653, 46.1847, 31.6771** is the 20% darker color. If you saturate the color by 10%, you get **66.9388, 81.7010, 50.0747**, and if you desaturate by 10%, it is **78.7463, 87.1538, 79.2783**.

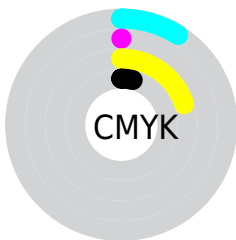
Distribution



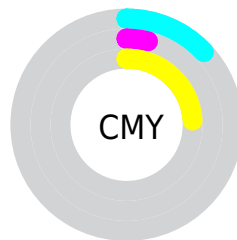
- Red (87%)
- Green (96%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5197, 84.2844, 63.4853 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 72.5197, 84.2844, 63.4853 by changing the saturation by 10% instead.

72.5197, 84.2844,
63.4853

72.5197, 84.2844,
63.4853

458.4781,
509.2572, 455.4849

53.8703, 63.2503,
45.7904

121.8019,
139.3729, 111.4617

38.7282, 46.0437,
31.7330

153.1655,
174.1961, 142.5802

26.7281, 32.2803,
20.8945

189.4978,
214.3845, 179.0104

17.5047, 21.5757,
12.8564

231.1642,
260.3224, 221.1708

10.6925, 13.5455,
7.2002

278.5301,
312.3942, 269.4799

5.9262, 7.8052,
3.5073

331.9608,

2.8405, 3.9706,

370.9843, 324.3563

1.3591

391.8217,
436.4772, 386.2184

■ 1.0700, 1.6571,
0.1095

■ 0.0000, 0.3957,
0.0000

■ 72.5197, 84.2844,
63.4853

■ 72.5197, 84.2844,
63.4853

■ 66.9388, 81.7010,
50.0747

■ 78.7463, 87.1538,
79.2783

■ 61.9716, 79.3819,
38.9254

■ 85.6356, 90.3079,
97.5561

■ 57.5932, 77.3197,
29.9138

■ 91.1843, 92.9487,
107.7427

■ 53.7738, 75.5019,
22.9023

■ 91.6424, 93.1848,
107.7641

■ 50.4807, 73.9152,
17.7372

■ 47.6768, 72.5442,
14.2427

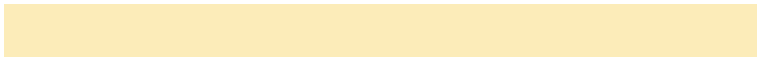
■ 45.3182, 71.3709,
12.2085

■ 43.4232, 70.4120,
11.3022

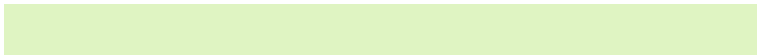
Harmonies

Analogous

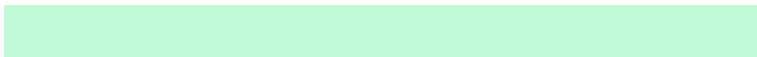
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8794, 84.2844, 58.1896



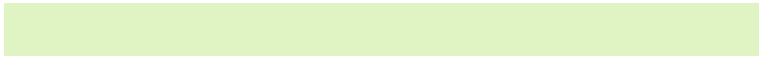
72.5197, 84.2844, 63.4853



68.3851, 84.2844, 76.3927

Triad

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



72.5197, 84.2844, 63.4853



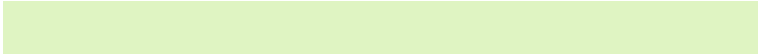
74.5427, 84.2844, 131.8730



94.4320, 84.2844, 88.2749

Complementary

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



72.5197, 84.2844, 63.4853



63.6487, 59.5647, 93.7350

Split Complementary

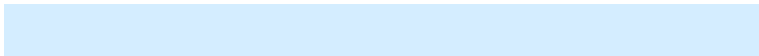
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1034, 84.2844, 109.0868



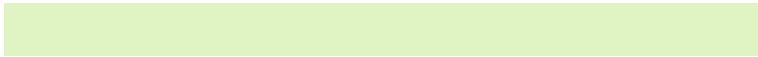
72.5197, 84.2844, 63.4853



81.3529, 84.2844, 136.2840

Square

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



72.5197, 84.2844, 63.4853



69.5041, 84.2844, 116.1165



88.2118, 84.2844, 127.4140



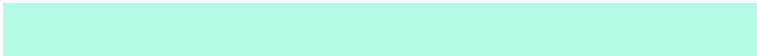
91.7430, 84.2844, 71.0917

Rectangle

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



72.5197, 84.2844, 63.4853



67.3063, 84.2844, 88.5617



88.2118, 84.2844, 127.4140



94.4420, 84.2844, 95.0577

Sweetspot

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



72.5219, 84.2881, 63.4871



90.3585, 97.8548, 96.3301



71.3070, 71.6472, 61.1112



19.2346, 20.8965, 20.3389



0.0000, 0.0000, 0.0000



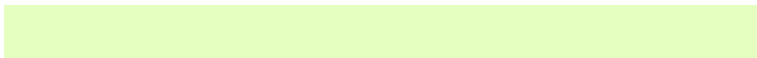
20.3446, 21.4041, 23.3091

Same Dimension

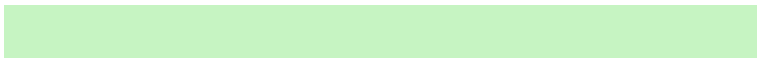
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5219, 84.2881, 63.4871



77.2564, 91.8227, 63.0863



65.4236, 80.6287, 63.1549



17.2028, 18.9466, 17.5479



23.7693, 38.3663, 6.1527



2.2061, 3.4324, 0.5462

Inverse Universe

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



63.6487, 59.5647, 93.7350



65.6576, 59.5007, 102.6320



71.5028, 63.6136, 94.1026



16.2409, 16.2668, 20.8264



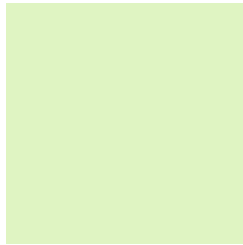
12.0369, 5.1796, 46.9034



1.1724, 0.5142, 4.1277

Previews

White Background



This preview shows how the XYZ color 72.5197, 84.2844, 63.4853 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 72.5197, 84.2844, 63.4853 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

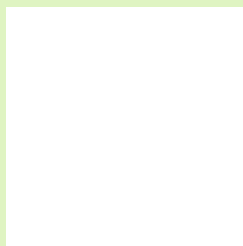
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5197, 84.2844, 63.4853

Background



This preview shows how black text looks on a background with the XYZ color 72.5197, 84.2844, 63.4853.

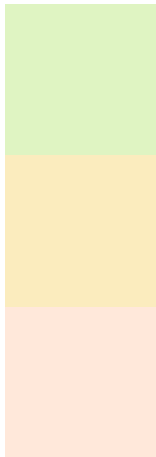


This preview shows how white text looks on a background with the XYZ color 72.5197, 84.2844,

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

72.5197, 84.2844, 63.4853

Protanopia

79.0734, 84.2178, 60.8033

Deuteranopia

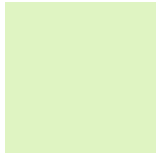
82.7515, 84.0352, 78.1886



Tritanopia

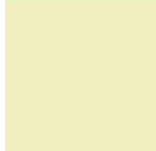
81.1636, 84.3025, 105.7602

Trichromacy



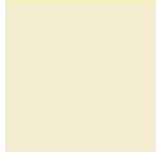
Original Color

72.5197, 84.2844, 63.4853



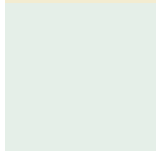
Protanomaly

76.5461, 84.1954, 61.5071



Deuteranomaly

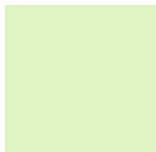
78.4662, 83.6490, 72.3319



Tritanomaly

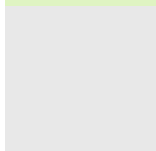
77.7451, 84.2172, 88.5019

Monochromacy



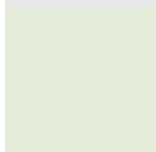
Original Color

72.5197, 84.2844, 63.4853



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.9634, 81.7109, 78.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5197, 84.2844, 63.4853 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(223, 244, 194)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 194)  
}
```

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(223, 244, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 194) }
```

Border

The CSS property to change the border of an element to XYZ 72.5197, 84.2844, 63.4853 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(223, 244, 194) }
```


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

```
.border{ border-color:rgb(223, 244, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 244, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 244, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 244, 194);  
box-shadow:4px 4px 4px 4px rgb(223, 244,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5197, 84.2844, 63.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 194) }
```

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

```
.background{ background-color: rgb(223,  
244, 194) }
```

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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