

Converting Colors

XYZ(63.2387, 74.7360, 62.1358)

Have a look what the booklet for
XYZ(63.2387, 74.7360, 62.1358)
contains.

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Color

**XYZ(63.2336, 74.7294,
62.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE9C2
RGB	202, 233, 194
RGB Percent	79%, 91%, 76%
CMY	0.2078, 0.0863, 0.2392
CMYK	0.13, 0.00, 0.17, 0.09
HSL	108°, 47%, 84%
HSV	108°, 17%, 91%
XYZ	63.2336, 74.7294, 62.1304
YIQ	219.2850, -5.9570, -18.7010

Conversions

Conversions Part 2

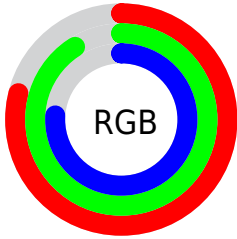
Format	Color
RYB	194, 233, 225
Decimal	13298114
CIELab	89.27, -17.24, 15.61
CIElCh	89, 23.258, 137.854
Yxy	74.7294, 0.3160, 0.3735
Android (android.graphics.Color)	4291488194 (0xFFCAE9C2)
YUV	219.2850, -12.4655, -15.1589
Hunter-Lab	86.4462, -20.7117, 17.8995

Details

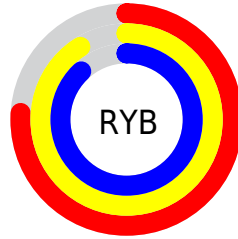
The XYZ color **63.2336, 74.7294, 62.1304** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0542, 60.4765, 85.3391**, and the grayscale version is **67.6183, 71.1397, 77.4711**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **32.6685, 39.6336, 30.7392** is the 20% darker color. If you saturate the color by 10%, you get **56.1052, 71.3358, 49.1912**, and if you desaturate by 10%, it is **71.3779, 78.6037, 77.2621**.

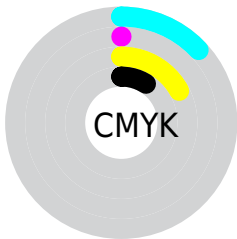
Distribution



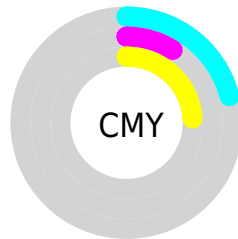
- Red (79%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2336, 74.7294, 62.1304 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 63.2336, 74.7294, 62.1304 by changing the saturation by 10% instead.

63.2336, 74.7294,
62.1304

63.2336, 74.7294,
62.1304

426.0630,
476.9870, 450.4274

46.2896, 55.3912,
44.7016

108.5864,
125.9292, 109.4874

32.6800, 39.7150,
30.8812

137.7258,
158.5597, 140.2527

22.0395, 27.3164,
20.2507

171.6611,
196.3897, 176.3005

14.0027, 17.8110,
12.3915

210.7577,
239.8037, 218.0495

8.2042, 10.8144,
6.8852

255.3808,
289.1860, 265.9181

4.2788, 5.9422,
3.3130

305.8958,

1.8610, 2.8099,

344.9211, 320.3250

1.2566

362.6681,
407.3933, 381.6885

0.5540, 1.0333,
0.0258

0.0000, 0.0000,
0.0000

63.2336, 74.7294,
62.1304

63.2336, 74.7294,
62.1304

56.1052, 71.3358,
49.1912

71.3779, 78.6037,
77.2621

49.9465, 68.3947,
38.3380

80.5700, 82.9665,
94.6761

44.7164, 65.8895,
29.4632

88.4304, 86.7608,
106.6935

40.3686, 63.7989,
22.4473

■ 36.8526, 62.0998,
17.1581

■ 34.1125, 60.7665,
13.4458

■ 32.0849, 59.7703,
11.1351

■ 30.6940, 59.0769,
10.0034

■ 30.3493, 58.9040,
9.7700

Harmonies

Analogous

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



67.7317, 74.7294, 55.0770



63.2336, 74.7294, 62.1304



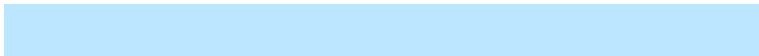
60.8762, 74.7294, 74.9617

Triad

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



63.2336, 74.7294, 62.1304



68.7546, 74.7294, 115.9397



81.9400, 74.7294, 72.1490

Complementary

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



63.2336, 74.7294, 62.1304



65.0542, 60.4765, 85.3391

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.



82.2501, 74.7294, 88.1284



63.2336, 74.7294, 62.1304



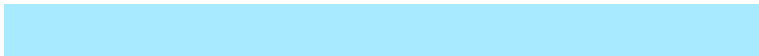
74.4297, 74.7294, 114.9219

Square

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



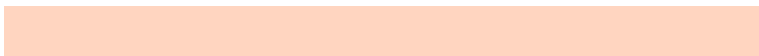
63.2336, 74.7294, 62.1304



63.9480, 74.7294, 106.8341



79.4381, 74.7294, 104.2148



78.6123, 74.7294, 60.3084

Rectangle

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



63.2336, 74.7294, 62.1304



60.7481, 74.7294, 85.7174



79.4381, 74.7294, 104.2148



82.4068, 74.7294, 77.1675

Sweetspot

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



63.2356, 74.7326, 62.1320



89.4337, 97.3340, 98.2751



70.1487, 74.8295, 61.7864



18.9792, 20.7559, 20.7276



0.0000, 0.0000, 0.0000



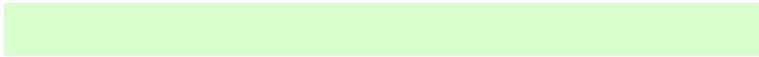
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2356, 74.7326, 62.1320



74.5249, 90.2450, 70.6179



62.4148, 74.1607, 68.8159



15.1569, 17.0109, 16.0033



17.3017, 33.4638, 5.5473



1.4361, 2.6677, 0.4392

Inverse Universe

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



65.0542, 60.4765, 85.3391



77.1389, 69.7357, 104.0024



66.0769, 61.1804, 77.4015



15.3947, 15.1488, 19.0349



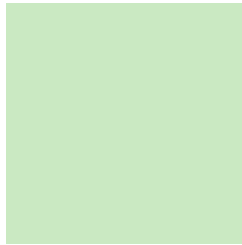
19.8331, 9.2602, 44.4851



1.6336, 0.7664, 3.4967

Previews

White Background



This preview shows how the XYZ color 63.2336, 74.7294, 62.1304 looks on a white background.

Color Contrast Check

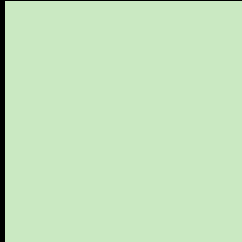
Large Text (above 18pt) WCAG AA × Fail

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 63.2336, 74.7294, 62.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

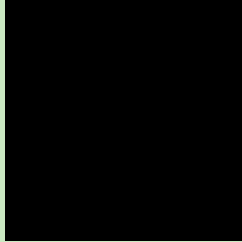
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

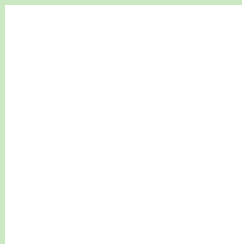
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2336, 74.7294, 62.1304

Background



This preview shows how black text looks on a background with the XYZ color 63.2336, 74.7294, 62.1304.

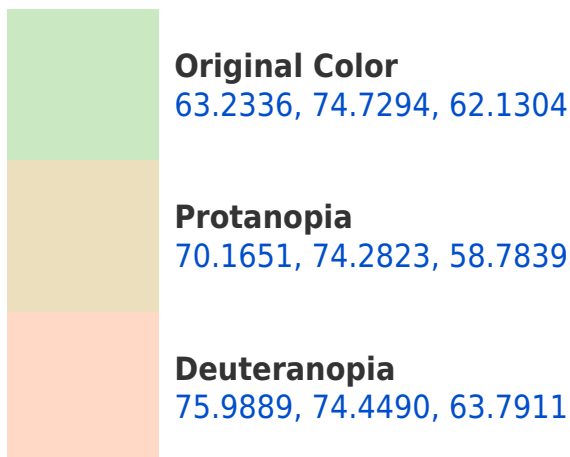


This preview shows how white text looks on a background with the XYZ color 63.2336, 74.7294,

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

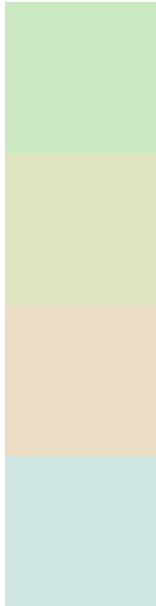




Tritanopia

70.1038, 74.6260, 96.2973

Trichromacy



Original Color

63.2336, 74.7294, 62.1304

Protanomaly

67.6135, 74.5471, 60.1156

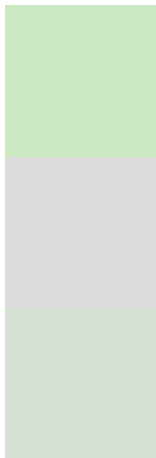
Deuteranomaly

70.7914, 74.1066, 63.3962

Tritanomaly

67.4789, 74.7950, 82.8319

Monochromacy



Original Color

63.2336, 74.7294, 62.1304

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.7291, 72.1106, 71.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2336, 74.7294, 62.1304 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(202, 233, 194)` looks like.

```
.text, #text, p{  
    color:rgb(202, 233, 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(202, 233, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 233, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.2336, 74.7294, 62.1304 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(202, 233, 194) }
```


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

```
.border{ border-color:rgb(202, 233, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 233, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 233, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 233, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 233,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2336, 74.7294, 62.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 233, 194) }
```

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

```
.background{ background-color: rgb(202,  
233, 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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