

Converting Colors

XYZ(63.4888, 75.2398, 64.2420)

Have a look what the booklet for
XYZ(63.4888, 75.2398, 64.2420)
contains.

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Color

**XYZ(63.3203, 75.1562,
63.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EAC5
RGB	200, 234, 197
RGB Percent	78%, 92%, 77%
CMY	0.2157, 0.0823, 0.2274
CMYK	0.15, 0.00, 0.16, 0.08
HSL	115°, 47%, 85%
HSV	115°, 16%, 92%
XYZ	63.3203, 75.1562, 63.9926
YIQ	219.6160, -8.3870, -18.7150

Conversions

Conversions Part 2

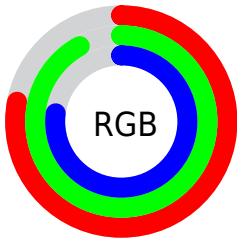
Format	Color
RYB	197, 234, 231
Decimal	13167301
CIELab	89.47, -17.91, 14.31
CIELCh	89, 22.923, 141.370
Yxy	75.1562, 0.3127, 0.3712
Android (android.graphics.Color)	4291357381 (0xFFC8EAC5)
YUV	219.6160, -11.1497, -17.2032
Hunter-Lab	86.6927, -21.3358, 16.9197

Details

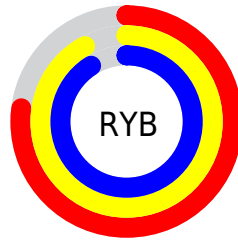
The XYZ color **63.3203, 75.1562, 63.9926** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.7755, 62.8640, 86.4076**, and the grayscale version is **67.8410, 71.3740, 77.7263**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **32.7324, 39.9350, 31.9696** is the 20% darker color. If you saturate the color by 10%, you get **55.5000, 71.4130, 50.6999**, and if you desaturate by 10%, it is **72.3687, 79.4888, 79.5185**.

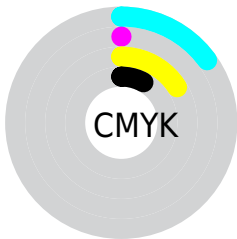
Distribution



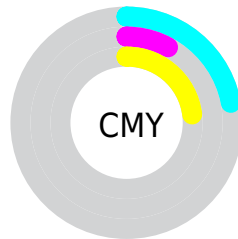
- Red (78%)
- Green (92%)
- Blue (77%)



- Red (77%)
- Yellow (92%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3203, 75.1562, 63.9926 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 63.3203, 75.1562, 63.9926 by changing the saturation by 10% instead.

63.3203, 75.1562,
63.9926

63.3203, 75.1562,
63.9926

426.3722,
478.4543, 457.3696

46.3600, 55.7409,
46.1985

108.7107,
126.5334, 112.1996

32.7358, 39.9952,
32.0527

137.8715,
159.2641, 143.4497

22.0824, 27.5348,
21.1366

171.8298,
197.2021, 180.0222

14.0344, 17.9753,
13.0317

210.9511,
240.7317, 222.3356

8.2265, 10.9322,
7.3194

255.6006,
290.2373, 270.8085

4.2932, 6.0213,
3.5812

306.1437,

1.8693, 2.8580,

346.1033, 325.8595

1.3985

362.9458,
408.7142, 387.9070

■ 0.5589, 1.0581,
0.1406

■ 0.0000, 0.0000,
0.0000

■ 63.3203, 75.1562,
63.9926

■ 63.3203, 75.1562,
63.9926

■ 55.5000, 71.4130,
50.6999

■ 72.3687, 79.4888,
79.5185

■ 48.8490, 68.2245,
39.5331

■ 82.6887, 84.4245,
97.3685

■ 43.3128, 65.5673,
30.3835

■ 88.7143, 87.3286,
106.7881

■ 38.8303, 63.4124,
23.1307

■ 35.3343, 61.7280,
17.6417

■ 32.7498, 60.4788,
13.7661

■ 30.9913, 59.6243,
11.3287

■ 29.9561, 59.1165,
10.1131

■ 29.6922, 58.9867,
9.8206

Harmonies

Analogous

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



67.5681, 75.1562, 56.2633



63.3203, 75.1562, 63.9926



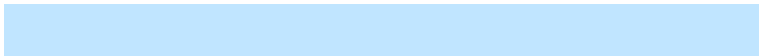
61.2738, 75.1562, 77.2757

Triad

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



63.3203, 75.1562, 63.9926



69.8244, 75.1562, 116.4014



81.9767, 75.1562, 71.0655

Complementary

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



63.3203, 75.1562, 63.9926



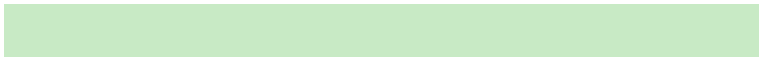
67.7755, 62.8640, 86.4076

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.



82.6588, 75.1562, 86.5646



63.3203, 75.1562, 63.9926



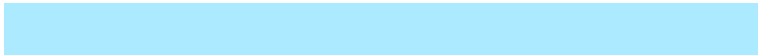
75.4441, 75.1562, 114.1679

Square

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



63.3203, 75.1562, 63.9926



64.8977, 75.1562, 108.4673



80.2122, 75.1562, 102.7130



78.3944, 75.1562, 59.9590

Rectangle

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



63.3203, 75.1562, 63.9926



61.3548, 75.1562, 88.0862



80.2122, 75.1562, 102.7130



82.5600, 75.1562, 75.8816

Sweetspot

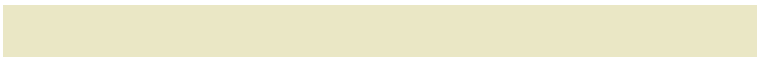
The Sweet Spot groups the original color and five complimentary colors.



63.3223, 75.1594, 63.9942



88.8847, 97.0510, 98.2494



72.5656, 78.6325, 64.1774



18.8463, 20.6874, 20.7214



0.0000, 0.0000, 0.0000



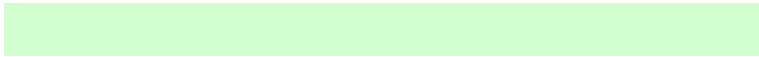
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3223, 75.1594, 63.9942



73.6820, 89.7748, 72.1883



64.3875, 75.4938, 73.7436



14.9815, 16.9205, 15.9951



16.7258, 33.1669, 5.5203



1.3527, 2.6247, 0.4353

Inverse Universe

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



67.7755, 62.8640, 86.4076



80.0638, 72.1506, 104.3144



66.6319, 62.5194, 75.2888



15.5874, 15.2481, 19.0439



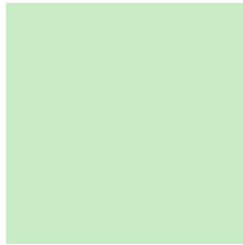
24.1501, 11.4857, 44.6871



1.9321, 0.9203, 3.5107

Previews

White Background



This preview shows how the XYZ color 63.3203, 75.1562, 63.9926 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 63.3203, 75.1562, 63.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

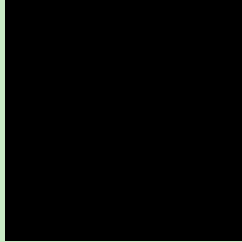
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3203, 75.1562, 63.9926

Background



This preview shows how black text looks on a background with the XYZ color 63.3203, 75.1562, 63.9926.

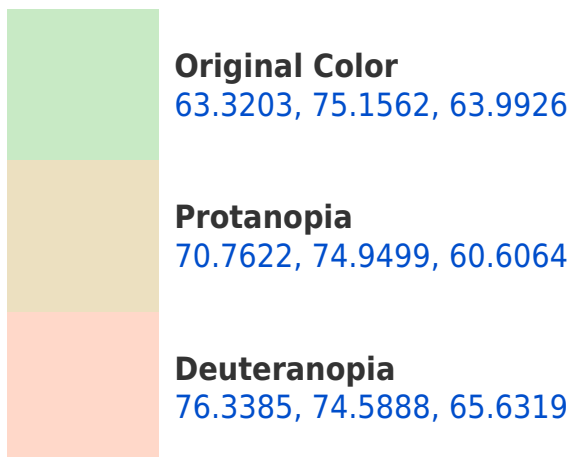


This preview shows how white text looks on a background with the XYZ color 63.3203, 75.1562,

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

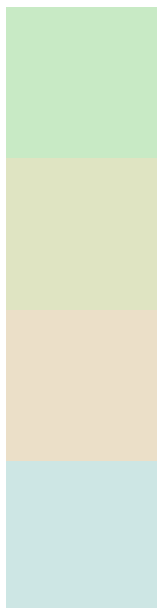




Tritanopia

69.9629, 74.9406, 97.1637

Trichromacy



Original Color

63.3203, 75.1562, 63.9926

Protanomaly

67.9124, 75.0698, 61.9495

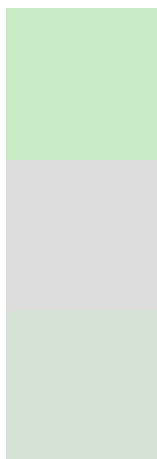
Deuteranomaly

71.0740, 74.6077, 65.2983

Tritanomaly

67.4772, 75.1742, 84.3524

Monochromacy



Original Color

63.3203, 75.1562, 63.9926

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.2495, 72.7500, 72.8378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3203, 75.1562, 63.9926 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(200, 234, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 234, 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(200, 234, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 234, 197) }
```

Border

The CSS property to change the border of an element to XYZ 63.3203, 75.1562, 63.9926 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(200, 234, 197) }
```


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

```
.border{ border-color:rgb(200, 234, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 234, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 234, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 234, 197); box-shadow:4px 4px 4px 4px rgb(200, 234, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3203, 75.1562, 63.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 234, 197) }
```

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

```
.background{ background-color: rgb(200,  
234, 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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