

Converting Colors

XYZ(63.7227, 62.8989, 51.9793)

Have a look what the booklet for
XYZ(63.7227, 62.8989, 51.9793)
contains.

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Color

**XYZ(63.7169, 62.9014,
51.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC9B4
RGB	236, 201, 180
RGB Percent	93%, 79%, 71%
CMY	0.0745, 0.2117, 0.2941
CMYK	0.00, 0.15, 0.24, 0.07
HSL	23°, 60%, 82%
HSV	23°, 24%, 93%
XYZ	63.7169, 62.9014, 51.9630
YIQ	209.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

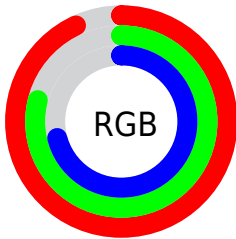
Format	Color
R _Y B	236, 214, 180
Decimal	15518132
CIE Lab	83.39, 9.19, 15.07
CIE LCh	83, 17.651, 58.621
Yxy	62.9014, 0.3568, 0.3522
Android (android.graphics.Color)	4293708212 (0xFFECC9B4)
YUV	209.0710, -14.3320, 23.6167
Hunter-Lab	79.3104, 4.6113, 16.6714

Details

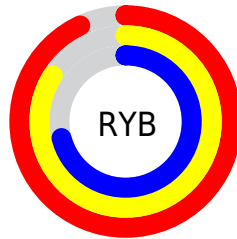
The XYZ color **63.7169, 62.9014, 51.9630** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2626, 64.3586, 88.7089**, and the grayscale version is **60.7300, 63.8927, 69.5791**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **33.0869, 32.1030, 24.5313** is the 20% darker color. If you saturate the color by 10%, you get **58.2403, 55.4734, 39.2689**, and if you desaturate by 10%, it is **69.9364, 71.1592, 66.9256**.

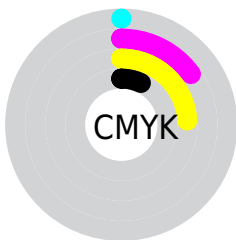
Distribution



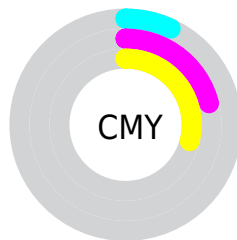
- Red (93%)
- Green (79%)
- Blue (71%)



- Red (93%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7169, 62.9014, 51.9630 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 63.7169, 62.9014, 51.9630 by changing the saturation by 10% instead.


 63.7169, 62.9014,
51.9630

 63.7169, 62.9014,
51.9630


427.7850,
435.2116, 411.2466

 46.6822, 45.7614,
36.5935


 109.2791,
109.0272, 94.5027

 32.9914, 32.0576,
24.5996


138.5374,
138.7819, 122.5100

 22.2791, 21.4055,
15.5627


172.6010,
173.5103, 155.5670

 14.1799, 13.4207,
9.0643

211.8352,
213.5968, 194.0923

 8.3284, 7.7189,
4.6857

256.6053,
259.4258, 238.5044

 4.3594, 3.9156,
2.0086

307.2767,

 1.9074, 1.6265,

311.3816, 289.2217

0.5606

364.2149,
369.8488, 346.6630

■ 0.5811, 0.3753,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7169, 62.9014,
51.9630

■ 63.7169, 62.9014,
51.9630

■ 58.2403, 55.4734,
39.2689

■ 69.9364, 71.1592,
66.9256

■ 53.4715, 48.8396,
28.7272

■ 76.9219, 80.2635,
84.2573

■ 49.3800, 42.9747,
20.2173

■ 84.7016, 90.2417,
104.0572

■ 45.9309, 37.8484,
13.6048

■ 88.4022, 96.5729,
108.5889

■ 43.0854, 33.4281,
8.7391

■ 40.8000, 29.6783,
5.4460

■ 39.0231, 26.5591,
3.5142

■ 38.1247, 24.8980,
2.7964

Harmonies

Analogous

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



66.5101, 62.9014, 58.8433



63.7169, 62.9014, 51.9630



59.9640, 62.9014, 49.4353

Triad

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



63.7169, 62.9014, 51.9630



52.6984, 62.9014, 67.9807



63.3960, 62.9014, 88.7970

Complementary

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



63.7169, 62.9014, 51.9630



58.2626, 64.3586, 88.7089

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.



59.6082, 62.9014, 91.8999



63.7169, 62.9014, 51.9630



53.5309, 62.9014, 79.1349

Square

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



63.7169, 62.9014, 51.9630



53.6963, 62.9014, 58.0494



56.0200, 62.9014, 88.1926



66.3193, 62.9014, 80.1105

Rectangle

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



63.7169, 62.9014, 51.9630



57.4573, 62.9014, 50.3271



56.0200, 62.9014, 88.1926



62.1766, 62.9014, 90.5661

Sweetspot

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



63.7186, 62.9043, 51.9643



88.8521, 91.9915, 93.3088



63.2397, 55.4065, 71.9668



18.9083, 19.5473, 19.6987



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.



63.7186, 62.9043, 51.9643



72.9906, 70.9854, 54.9824



70.7211, 76.9093, 54.2985



15.5284, 15.9797, 15.7847



21.1294, 13.9530, 1.5796



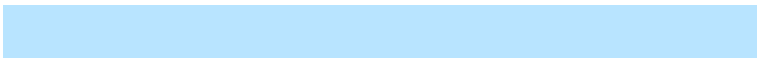
1.7489, 1.2752, 0.1540

Inverse Universe

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



58.2626, 64.3586, 88.7089



65.5252, 72.9685, 105.2385



51.8330, 51.4993, 86.5656



15.0154, 16.1173, 19.2418



14.2665, 15.1801, 45.9211



1.2122, 1.3758, 3.6365

Previews

White Background



This preview shows how the XYZ color 63.7169, 62.9014, 51.9630 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 63.7169, 62.9014, 51.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

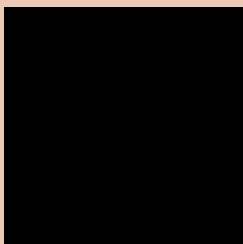
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7169, 62.9014, 51.9630

Background



This preview shows how black text looks on a background with the XYZ color 63.7169, 62.9014, 51.9630.



This preview shows how white text looks on a background with the XYZ color 63.7169, 62.9014,

51.9630.

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

63.7169, 62.9014, 51.9630

Protanopia

59.4753, 62.7963, 53.7859

Deuteranopia

64.1524, 62.7810, 51.9168



Tritanopia

67.5588, 62.7586, 70.8402

Trichromacy



Original Color

63.7169, 62.9014, 51.9630

Protanomaly

61.0153, 62.8873, 53.1786

Deuteranomaly

63.8175, 62.6084, 51.9011

Tritanomaly

66.2160, 62.9090, 63.2963

Monochromacy



Original Color

63.7169, 62.9014, 51.9630

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4778, 63.2799, 62.4001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7169, 62.9014, 51.9630 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(236, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(236, 201, 180)  
}
```

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(236, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 201, 180) }
```

Border

The CSS property to change the border of an element to XYZ 63.7169, 62.9014, 51.9630 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(236, 201, 180) }
```


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

```
.border{ border-color:rgb(236, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(236, 201,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7169, 62.9014, 51.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 201, 180) }
```

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

```
.background{ background-color: rgb(236,  
201, 180) }
```

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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