

Converting Colors

XYZ(62.5027, 65.3607, 51.9662)

Have a look what the booklet for
XYZ(62.5027, 65.3607, 51.9662)
contains.

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Color

**XYZ(62.5473, 65.5166,
51.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D2B3
RGB	226, 210, 179
RGB Percent	89%, 82%, 70%
CMY	0.1137, 0.1764, 0.2980
CMYK	0.00, 0.07, 0.21, 0.11
HSL	40°, 45%, 79%
HSV	40°, 21%, 89%
XYZ	62.5473, 65.5166, 51.9972
YIQ	211.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

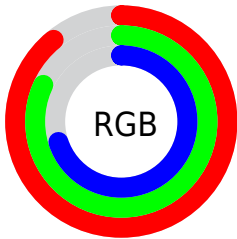
Format	Color
R _Y B	203, 226, 179
Decimal	14865075
CIE Lab	84.75, 0.64, 17.38
CIE LCh	85, 17.389, 87.891
Yxy	65.5166, 0.3474, 0.3639
Android (android.graphics.Color)	4293055155 (0xFFE2D2B3)
YUV	211.2500, -15.8993, 12.9358
Hunter-Lab	80.9423, -3.7151, 18.5718

Details

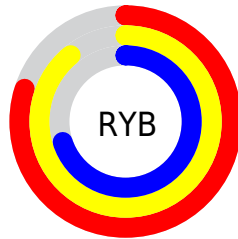
The XYZ color **62.5473, 65.5166, 51.9972** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8327, 54.1036, 79.6631**, and the grayscale version is **62.1764, 65.4144, 71.2363**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **32.2319, 33.8293, 24.5696** is the 20% darker color. If you saturate the color by 10%, you get **58.5934, 60.9714, 40.3116**, and if you desaturate by 10%, it is **66.9707, 70.4001, 65.6891**.

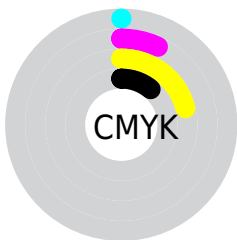
Distribution



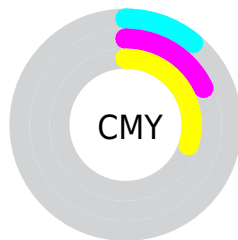
- Red (89%)
- Green (82%)
- Blue (70%)



- Red (80%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5473, 65.5166, 51.9972 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 62.5473, 65.5166, 51.9972 by changing the saturation by 10% instead.

■ 62.5473, 65.5166,
51.9972

■ 62.5473, 65.5166,
51.9972

423.6105,
444.6461, 411.3824

■ 45.7323, 47.8801,
36.6206

■ 107.6016,
112.7922, 94.5537

■ 32.2384, 33.7319,
24.6204

136.5717,
143.2002, 122.5706

■ 21.7001, 22.6877,
15.5780

170.3242,
178.6340, 155.6381

■ 13.7521, 14.3631,
9.0749

209.2245,
219.4782, 194.1746

■ 8.0290, 8.3736,
4.6926

253.6379,
266.1171, 238.5988

■ 4.1654, 4.3350,
2.0125

303.9298,

■ 1.7962, 1.8626,

318.9351, 289.3291

0.5629

360.4655,
378.3167, 346.7842

■ 0.5154, 0.5258,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5473, 65.5166,
51.9972

■ 62.5473, 65.5166,
51.9972

■ 58.5934, 60.9714,
40.3116

■ 66.9707, 70.4001,
65.6891

■ 55.0841, 56.7459,
30.5316

■ 71.8765, 75.6223,
81.4729

■ 52.0003, 52.8325,
22.5542

■ 77.2836, 81.1950,
99.4344

■ 49.3189, 49.2199,
16.2647

■ 80.8018, 86.1640,
106.9804

■ 47.0144, 45.8957,
11.5353

■ 83.1240, 90.8084,
107.7544

■ 45.0576, 42.8461,
8.2196

■ 85.1742, 94.9088,
108.4378

■ 43.4140, 40.0549,
6.1430

■ 42.1254, 37.6912,
5.0549

Harmonies

Analogous

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



66.3331, 65.5166, 54.6847



62.5473, 65.5166, 51.9972



58.8373, 65.5166, 54.0269

Triad

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



62.5473, 65.5166, 51.9972



55.8911, 65.5166, 81.8350



68.8253, 65.5166, 83.3409

Complementary

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



62.5473, 65.5166, 51.9972



51.8327, 54.1036, 79.6631

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.



65.8369, 65.5166, 91.9968



62.5473, 65.5166, 51.9972



58.3793, 65.5166, 91.0658

Square

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



62.5473, 65.5166, 51.9972



55.0911, 65.5166, 70.5508



61.9966, 65.5166, 94.9594



70.0503, 65.5166, 72.1279

Rectangle

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



62.5473, 65.5166, 51.9972



56.8851, 65.5166, 57.9133



61.9966, 65.5166, 94.9594



67.9877, 65.5166, 86.6883

Sweetspot

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



62.5490, 65.5195, 51.9986



91.0450, 95.7761, 95.8927



57.3861, 52.3703, 58.9816



19.3971, 20.4038, 20.2352



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.



62.5490, 65.5195, 51.9986



79.8966, 83.4828, 61.3374



64.5319, 72.7002, 53.2801



14.4584, 15.2029, 14.4792



24.1466, 21.7311, 2.9219



1.7557, 1.6703, 0.2299

Inverse Universe

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



51.8327, 54.1036, 79.6631



63.3794, 65.8900, 103.9853



50.1102, 48.1775, 78.6100



13.3314, 14.0020, 17.3877



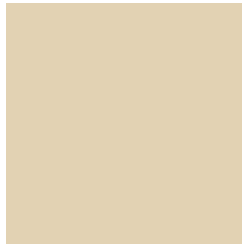
9.4411, 6.3518, 41.7768



0.7355, 0.6024, 2.9227

Previews

White Background



This preview shows how the XYZ color 62.5473, 65.5166, 51.9972 looks on a white background.

Color Contrast Check

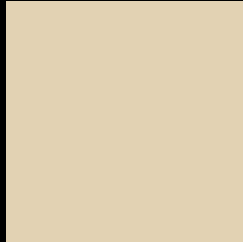
Large Text (above 18pt) WCAG AA × Fail

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 62.5473, 65.5166, 51.9972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

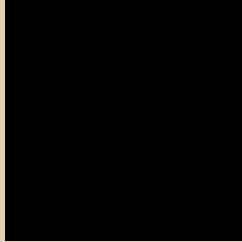
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5473, 65.5166, 51.9972

Background



This preview shows how black text looks on a background with the XYZ color 62.5473, 65.5166, 51.9972.

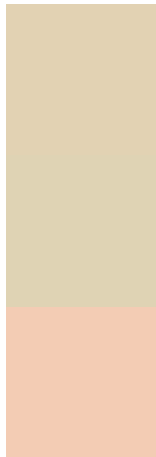


This preview shows how white text looks on a background with the XYZ color 62.5473, 65.5166,

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

62.5473, 65.5166, 51.9972

Protanopia

61.9639, 65.5718, 52.5708

Deuteranopia

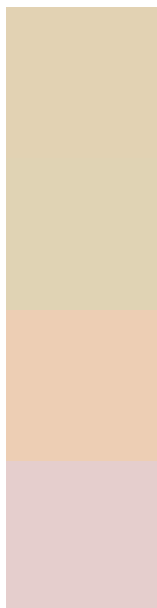
66.7932, 65.5357, 52.3093



Tritanopia

67.4661, 65.3420, 76.7666

Trichromacy



Original Color

62.5473, 65.5166, 51.9972

Protanomaly

62.2730, 65.7311, 52.5853

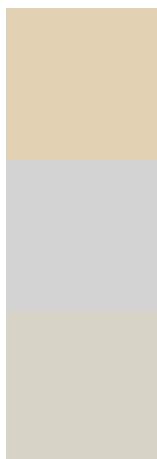
Deuteranomaly

65.2346, 65.4424, 52.3734

Tritanomaly

65.4039, 65.2084, 66.8969

Monochromacy



Original Color

62.5473, 65.5166, 51.9972

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9220, 65.3110, 63.3755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5473, 65.5166, 51.9972 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(226, 210, 179)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 179)  
}
```

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(226, 210, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 179) }
```

Border

The CSS property to change the border of an element to XYZ 62.5473, 65.5166, 51.9972 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(226, 210, 179) }
```


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

```
.border{ border-color:rgb(226, 210, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 210, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 179);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5473, 65.5166, 51.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 179) }
```

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

```
.background{ background-color: rgb(226,  
210, 179) }
```

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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