

Converting Colors

XYZ(63.8604, 68.9063, 62.1916)

Have a look what the booklet for
XYZ(63.8604, 68.9063, 62.1916)
contains.

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Color

**XYZ(63.9487, 69.0338,
62.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	DADAC4
RGB	218, 218, 196
RGB Percent	85%, 85%, 77%
CMY	0.1451, 0.1451, 0.2314
CMYK	0.00, 0.00, 0.10, 0.15
HSL	60°, 23%, 81%
HSV	60°, 10%, 85%
XYZ	63.9487, 69.0338, 62.1789
YIQ	215.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

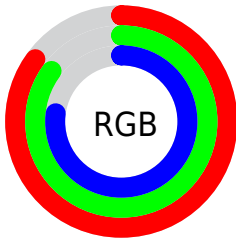
Format	Color
RYB	196, 218, 196
Decimal	14342852
CIELab	86.52, -3.77, 10.83
CIELCh	87, 11.468, 109.202
Yxy	69.0338, 0.3277, 0.3537
Android (android.graphics.Color)	4292532932 (0xFFDADAC4)
YUV	215.4920, -9.6096, 2.1995
Hunter-Lab	83.0866, -8.0166, 13.7902

Details

The XYZ color **63.9487, 69.0338, 62.1789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1624, 56.2794, 74.2890**, and the grayscale version is **64.9863, 68.3707, 74.4556**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **33.0839, 35.9339, 30.7834** is the 20% darker color. If you saturate the color by 10%, you get **61.6449, 68.1144, 50.0456**, and if you desaturate by 10%, it is **66.6169, 70.1035, 76.2142**.

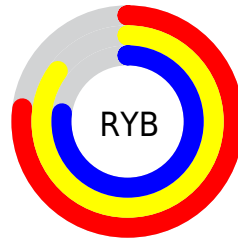
Distribution



Red (85%)

Green (85%)

Blue (77%)



Red (77%)

Yellow (85%)

Blue (77%)

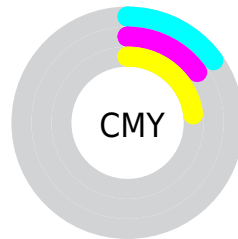


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9487, 69.0338, 62.1789 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 63.9487, 69.0338, 62.1789 by changing the saturation by 10% instead.

■ 63.9487, 69.0338,
62.1789

■ 63.9487, 69.0338,
62.1789

428.6095,
457.1502, 450.6090

■ 46.8707, 50.7392,
44.7405

109.6112,
117.8299, 109.5582

■ 33.1409, 36.0011,
30.9117

138.9264,
149.1001, 140.3361

■ 22.3942, 24.4351,
20.2737

173.0513,
185.4644, 176.3977

■ 14.2650, 15.6567,
12.4081

212.3513,
227.3072, 218.1615

■ 8.3882, 9.2815,
6.8963

257.1918,
275.0127, 266.0460

■ 4.3982, 4.9253,
3.3199

307.9381,

■ 1.9298, 2.2035,

328.9655, 320.4697

1.2602

364.9555,
389.5498, 381.8512

■ 0.5941, 0.7219,
0.0288

■ 0.0000, 0.0000,
0.0000

■ 63.9487, 69.0338,
62.1789

■ 63.9487, 69.0338,
62.1789

■ 61.6449, 68.1144,
50.0456

■ 66.6169, 70.1035,
76.2142

■ 59.6844, 67.3301,
39.7283

■ 69.6583, 71.3202,
92.2237

■ 58.0524, 66.6771,
31.1411

■ 72.0404, 72.2732,
104.7609

■ 56.7310, 66.1484,
24.1893

■ 72.0417, 72.2739,
104.7610

■ 55.7004, 65.7360,
18.7692

■ 72.0430, 72.2745,
104.7610

■ 54.9388, 65.4312,
14.7651

■ 72.0443, 72.2752,
104.7611

■ 54.4210, 65.2240,
12.0451

■ 72.0455, 72.2758,
104.7612

■ 54.1173, 65.1023,
10.4526

■ 72.0468, 72.2765,
104.7612

■ 53.9751, 65.0453,
9.7102

■ 72.0481, 72.2772,
104.7613

Harmonies

Analogous

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



66.5763, 69.0338, 61.6912



63.9487, 69.0338, 62.1789



61.8228, 69.0338, 66.0061

Triad

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



63.9487, 69.0338, 62.1789



62.3330, 69.0338, 86.7943



70.7616, 69.0338, 77.9406

Complementary

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



63.9487, 69.0338, 62.1789



55.1624, 56.2794, 74.2890

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.



69.5582, 69.0338, 85.1365



63.9487, 69.0338, 62.1789



64.6621, 69.0338, 90.4727

Square

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



63.9487, 69.0338, 62.1789



60.9075, 69.0338, 80.0813



67.3091, 69.0338, 89.8463



70.5581, 69.0338, 70.4562

Rectangle

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



63.9487, 69.0338, 62.1789



60.9539, 69.0338, 70.0899



67.3091, 69.0338, 89.8463



70.5070, 69.0338, 80.4816

Sweetspot

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



63.9506, 69.0368, 62.1804



93.8420, 99.5167, 102.5418



58.6193, 58.3724, 60.4029



20.0187, 21.2737, 21.5937



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.



63.9506, 69.0368, 62.1804



90.5067, 98.1824, 84.9867



60.7699, 67.3971, 62.0315



14.1620, 15.2638, 13.9254



32.3350, 38.9668, 5.8171



2.0949, 2.5245, 0.3769

Inverse Universe

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



55.1624, 56.2794, 74.2890



75.6798, 76.6588, 105.4156



58.1290, 57.8087, 74.4279



12.3390, 12.6173, 16.4372



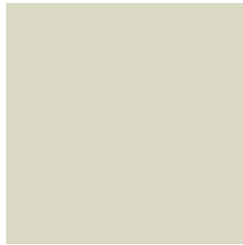
7.5820, 3.0329, 39.9242



0.4913, 0.1965, 2.5865

Previews

White Background



This preview shows how the XYZ color 63.9487, 69.0338, 62.1789 looks on a white background.

Color Contrast Check

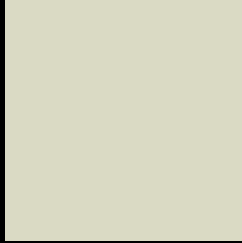
Large Text (above 18pt) WCAG AA × Fail

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 63.9487, 69.0338, 62.1789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

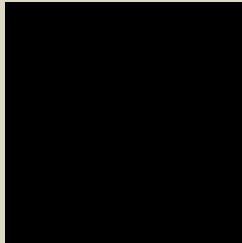
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

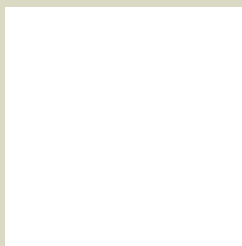
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9487, 69.0338, 62.1789

Background



This preview shows how black text looks on a background with the XYZ color 63.9487, 69.0338, 62.1789.



This preview shows how white text looks on a background with the XYZ color 63.9487, 69.0338,

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

63.9487, 69.0338, 62.1789

Protanopia

65.4575, 69.0594, 61.5096

Deuteranopia

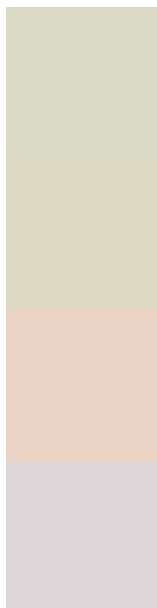
70.3017, 68.9112, 63.0220



Tritanopia

68.5086, 68.9896, 84.5685

Trichromacy



Original Color

63.9487, 69.0338, 62.1789

Protanomaly

64.7874, 69.0954, 61.5519

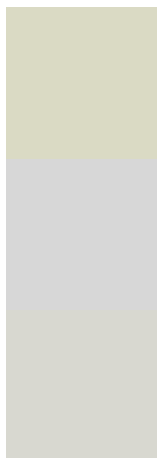
Deuteranomaly

67.8825, 68.7804, 62.5215

Tritanomaly

66.7741, 69.0350, 76.1354

Monochromacy



Original Color

63.9487, 69.0338, 62.1789

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2599, 68.2647, 69.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9487, 69.0338, 62.1789 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(218, 218, 196) looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 196)  
}
```

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(218, 218, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 196) }
```

Border

The CSS property to change the border of an element to XYZ 63.9487, 69.0338, 62.1789 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(218, 218, 196) }
```


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

```
.border{ border-color:rgb(218, 218, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 196);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9487, 69.0338, 62.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 196) }
```

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

```
.background{ background-color: rgb(218,  
218, 196) }
```

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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