

Converting Colors

XYZ(68.2337, 69.3988, 59.6682)

Have a look what the booklet for
XYZ(68.2337, 69.3988, 59.6682)
contains.

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Color

**XYZ(68.2337, 69.3988,
59.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD5C0
RGB	237, 213, 192
RGB Percent	93%, 84%, 75%
CMY	0.0706, 0.1647, 0.2471
CMYK	0.00, 0.10, 0.19, 0.07
HSL	28°, 56%, 84%
HSV	28°, 19%, 93%
XYZ	68.2337, 69.3988, 59.6682
YIQ	217.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

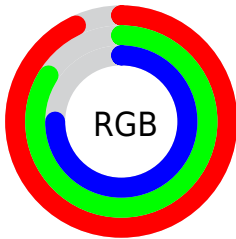
Format	Color
R _Y B	237, 231, 192
Decimal	15586752
CIE Lab	86.70, 5.03, 13.41
CIE LCh	87, 14.316, 69.448
Yxy	69.3988, 0.3458, 0.3517
Android (android.graphics.Color)	4293776832 (0xFFEDD5C0)
YUV	217.7820, -12.7105, 16.8542
Hunter-Lab	83.3059, 0.4192, 15.8475

Details

The XYZ color **68.2337, 69.3988, 59.6682** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.5797, 66.4310, 89.6980**, and the grayscale version is **66.5666, 70.0332, 76.2662**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **35.9431, 36.1416, 29.5077** is the 20% darker color. If you saturate the color by 10%, you get **62.7609, 62.3224, 45.9149**, and if you desaturate by 10%, it is **74.3808, 77.1460, 75.7341**.

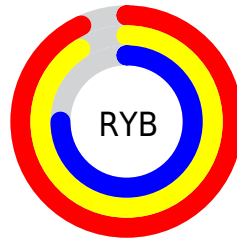
Distribution



Red (93%)

Green (84%)

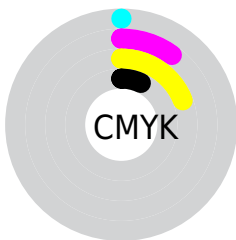
Blue (75%)



Red (93%)

Yellow (91%)

Blue (75%)

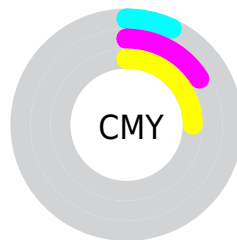


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2337, 69.3988, 59.6682 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 68.2337, 69.3988, 59.6682 by changing the saturation by 10% instead.


 68.2337, 69.3988,
59.6682

 68.2337, 69.3988,
59.6682


443.6873,
458.4363, 441.1443

 50.3623, 51.0366,
42.7277


 115.7265,
118.3510, 105.8869

 35.9203, 36.2377,
29.3417

146.0785,
149.7098, 136.0021

 24.5425, 24.6178,
19.0917


181.3215,
186.1695, 171.3460

 15.8634, 15.7926,
11.5591

221.8207,
228.1145, 212.3371

 9.5178, 9.3775,
6.3253

267.9415,
275.9294, 259.3939

 5.1402, 4.9882,
2.9719

320.0494,

 2.3654, 2.2403,

329.9983, 312.9351

1.0803

378.5095,
390.7058, 373.3790

■ 0.8278, 0.7419,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2337, 69.3988,
59.6682

■ 68.2337, 69.3988,
59.6682

■ 62.7609, 62.3224,
45.9149

■ 74.3808, 77.1460,
75.7341

■ 57.9311, 55.8882,
34.3615

■ 81.2210, 85.5732,
94.2094

■ 53.7185, 50.0790,
24.8924

■ 87.4469, 94.1680,
108.1750

■ 50.0931, 44.8730,
17.3797

■ 88.7352, 96.7446,
108.6045

■ 47.0219, 40.2471,
11.6810

■ 44.4680, 36.1759,
7.6341

■ 42.3887, 32.6315,
5.0476

■ 40.7221, 29.5774,
3.6317

■ 40.5689, 29.2919,
3.5157

Harmonies

Analogous

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



71.0277, 69.3988, 64.5061



68.2337, 69.3988, 59.6682



64.9165, 69.3988, 58.8875

Triad

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



68.2337, 69.3988, 59.6682



59.8479, 69.3988, 78.6123



70.1119, 69.3988, 90.6185

Complementary

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



68.2337, 69.3988, 59.6682



61.5797, 66.4310, 89.6980

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.



67.0176, 69.3988, 95.1233



68.2337, 69.3988, 59.6682



61.1420, 69.3988, 87.8174

Square

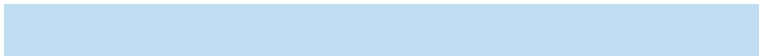
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2337, 69.3988, 59.6682



60.1487, 69.3988, 69.3102



63.7403, 69.3988, 94.0573



72.1372, 69.3988, 82.1820

Rectangle

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



68.2337, 69.3988, 59.6682



62.8649, 69.3988, 60.7006



63.7403, 69.3988, 94.0573



69.1581, 69.3988, 92.6738

Sweetspot

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



68.2356, 69.4019, 59.6697



90.1360, 93.9581, 95.5897



66.1700, 60.6625, 73.1880



19.1822, 19.9740, 20.1636



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.



68.2356, 69.4019, 59.6697



77.8258, 78.4257, 63.4695



74.2917, 81.5141, 61.6884



15.6451, 16.2132, 15.8236



22.2778, 16.2498, 1.9624



1.8448, 1.4670, 0.1859

Inverse Universe

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



61.5797, 66.4310, 89.6980



68.5461, 74.2828, 105.3330



56.2058, 55.6833, 87.9067



14.8963, 15.8790, 19.2021



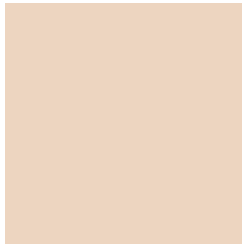
12.5780, 11.8030, 45.3582



1.0839, 1.1192, 3.5938

Previews

White Background



This preview shows how the XYZ color 68.2337, 69.3988, 59.6682 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 68.2337, 69.3988, 59.6682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

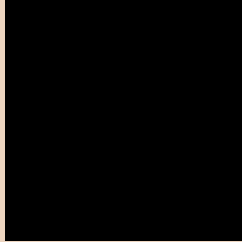
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2337, 69.3988, 59.6682

Background



This preview shows how black text looks on a background with the XYZ color 68.2337, 69.3988, 59.6682.



This preview shows how white text looks on a background with the XYZ color 68.2337, 69.3988,

59.6682.

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

68.2337, 69.3988, 59.6682

Protanopia

65.6575, 69.1755, 60.9306

Deuteranopia

70.7839, 69.2253, 60.0832



Tritanopia

72.4221, 69.2488, 80.7835

Trichromacy



Original Color

68.2337, 69.3988, 59.6682

Protanomaly

66.5592, 69.2741, 60.3153

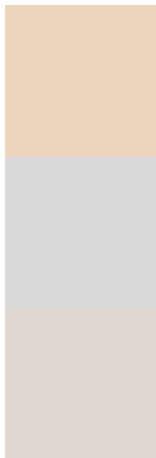
Deuteranomaly

69.6344, 68.9981, 60.0999

Tritanomaly

70.9920, 69.4225, 72.6090

Monochromacy



Original Color

68.2337, 69.3988, 59.6682

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1158, 69.7227, 70.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2337, 69.3988, 59.6682 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(237, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 192)  
}
```

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(237, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 192) }
```

Border

The CSS property to change the border of an element to XYZ 68.2337, 69.3988, 59.6682 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(237, 213, 192) }
```


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

```
.border{ border-color:rgb(237, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2337, 69.3988, 59.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 192) }
```

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

```
.background{ background-color: rgb(237,  
213, 192) }
```

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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