

Converting Colors

XYZ(69.5160, 72.9024, 57.1979)

Have a look what the booklet for
XYZ(69.5160, 72.9024, 57.1979)
contains.

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Color

**XYZ(69.4879, 72.7788,
57.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDCBB
RGB	237, 220, 187
RGB Percent	93%, 86%, 73%
CMY	0.0706, 0.1372, 0.2667
CMYK	0.00, 0.07, 0.21, 0.07
HSL	40°, 58%, 83%
HSV	40°, 21%, 93%
XYZ	69.4879, 72.7788, 57.3990
YIQ	221.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

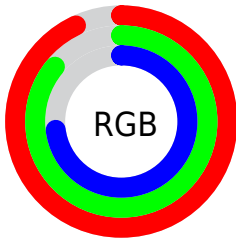
Format	Color
R _Y B	213, 237, 187
Decimal	15588539
CIE Lab	88.34, 0.68, 18.34
CIE LCh	88, 18.349, 87.879
Yxy	72.7788, 0.3480, 0.3645
Android (android.graphics.Color)	4293778619 (0xFFEDDCBB)
YUV	221.3210, -16.9203, 13.7505
Hunter-Lab	85.3105, -3.8999, 19.8256

Details

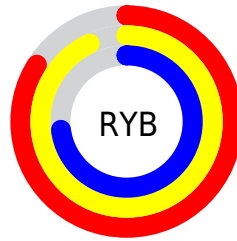
The XYZ color **69.4879, 72.7788, 57.3990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.3721, 59.8635, 88.6522**, and the grayscale version is **69.0594, 72.6559, 79.1223**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **36.8143, 38.4553, 28.0365** is the 20% darker color. If you saturate the color by 10%, you get **65.0942, 67.7219, 44.4330**, and if you desaturate by 10%, it is **74.4061, 78.2135, 72.6073**.

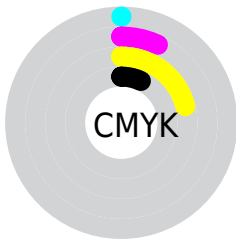
Distribution



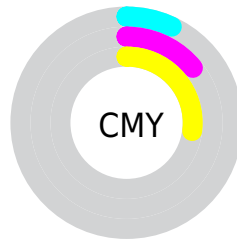
- Red (93%)
- Green (86%)
- Blue (73%)



- Red (84%)
- Yellow (93%)
- Blue (73%)



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





- Cyan (7%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4879, 72.7788, 57.3990 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 69.4879, 72.7788, 57.3990 by changing the saturation by 10% instead.


 69.4879, 72.7788,
57.3990

 69.4879, 72.7788,
57.3990


448.0444,
470.2478, 432.4783

 51.3872, 53.7951,
40.9142


 117.5084,
123.1631, 102.5533

 36.7392, 38.4379,
27.9328


148.1590,
155.3326, 132.0598

 25.1784, 26.3227,
18.0364


183.7236,
192.6660, 166.7439

 16.3394, 17.0652,
10.8064

224.5676,
235.5480, 207.0243

 9.8570, 10.2810,
5.8243

271.0563,
284.3627, 253.3193

 5.3658, 5.5857,
2.6715

323.5551,

 2.5004, 2.5948,

339.4946, 306.0477

0.9290

382.4294,
401.3282, 365.6278

■ 0.8955, 0.9241,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4879, 72.7788,
57.3990

■ 69.4879, 72.7788,
57.3990

■ 65.0942, 67.7219,
44.4330

■ 74.4061, 78.2135,
72.6073

■ 61.1974, 63.0220,
33.5962

■ 79.8636, 84.0267,
90.1545

■ 57.7755, 58.6705,
24.7724

■ 85.3780, 90.0301,
107.4854

■ 54.8028, 54.6548,
17.8325

■ 87.8575, 94.9891,
108.3119

■ 52.2503, 50.9608,
12.6320

■ 88.7352, 96.7446,
108.6045

■ 50.0852, 47.5729,
9.0053

■ 48.2684, 44.4729,
6.7545

■ 46.8883, 41.9308,
5.6222

Harmonies

Analogous

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



73.7741, 72.7788, 60.4310



69.4879, 72.7788, 57.3990



65.2902, 72.7788, 59.6850

Triad

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



69.4879, 72.7788, 57.3990



61.9569, 72.7788, 91.1311



76.5951, 72.7788, 92.8480

Complementary

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



69.4879, 72.7788, 57.3990



57.3721, 59.8635, 88.6522

Split Complementary

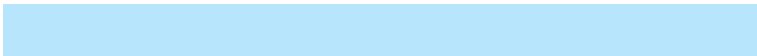
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2090, 72.7788, 102.6671



69.4879, 72.7788, 57.3990



64.7693, 72.7788, 101.6042

Square

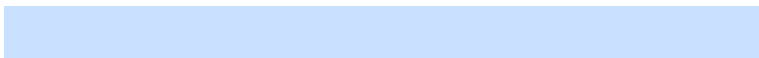
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4879, 72.7788, 57.3990



61.0537, 72.7788, 78.3497



68.8612, 72.7788, 106.0278



77.9843, 72.7788, 80.1446

Rectangle

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



69.4879, 72.7788, 57.3990



63.0824, 72.7788, 64.0683



68.8612, 72.7788, 106.0278



75.6458, 72.7788, 96.6441

Sweetspot

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



69.4898, 72.7821, 57.4005



91.0470, 95.7801, 95.8933



63.6553, 57.9297, 65.2691



19.3976, 20.4047, 20.2354



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.



69.4898, 72.7821, 57.4005



79.9043, 83.4982, 61.3399



71.7273, 80.8971, 58.8490



15.8958, 16.7146, 15.9072



25.7256, 23.1454, 3.1116



2.1086, 1.9945, 0.2738

Inverse Universe

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



57.3721, 59.8635, 88.6522



63.3726, 65.8764, 103.9831



55.4339, 53.1917, 87.4665



14.6497, 15.3858, 19.1199



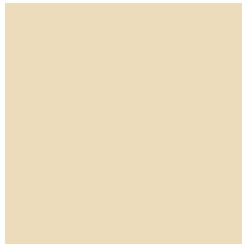
10.0433, 6.7336, 44.5133



0.8749, 0.7013, 3.5241

Previews

White Background



This preview shows how the XYZ color 69.4879, 72.7788, 57.3990 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 69.4879, 72.7788, 57.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

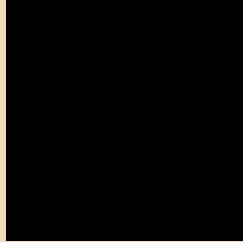
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4879, 72.7788, 57.3990

Background



This preview shows how black text looks on a background with the XYZ color 69.4879, 72.7788, 57.3990.



This preview shows how white text looks on a background with the XYZ color 69.4879, 72.7788,

57.3990.

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

69.4879, 72.7788, 57.3990

Protanopia

68.5378, 72.6674, 57.9908

Deuteranopia

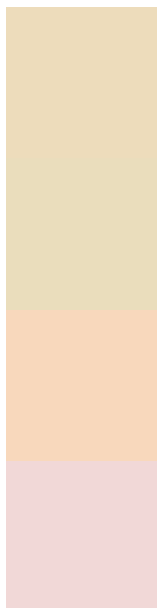
74.1114, 72.4793, 57.6608



Tritanopia

75.4325, 72.9173, 85.7000

Trichromacy



Original Color

69.4879, 72.7788, 57.3990

Protanomaly

68.8652, 72.8362, 58.0062

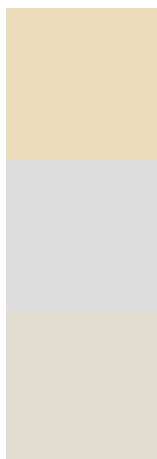
Deuteranomaly

72.3444, 72.6990, 57.7963

Tritanomaly

73.0972, 72.7188, 74.4735

Monochromacy



Original Color

69.4879, 72.7788, 57.3990

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.0436, 72.6472, 70.7049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4879, 72.7788, 57.3990 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, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 187)  
}
```

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, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 187) }
```

Border

The CSS property to change the border of an element to XYZ 69.4879, 72.7788, 57.3990 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, 220, 187) }
```


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

```
.border{ border-color:rgb(237, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4879, 72.7788, 57.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 187) }
```

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

```
.background{ background-color: rgb(237,  
220, 187) }
```

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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