

Converting Colors

XYZ(43.6925, 37.8982, 27.9417)

Have a look what the booklet for
XYZ(43.6925, 37.8982, 27.9417)
contains.

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Color

**XYZ(43.7359, 37.9959,
27.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	D99587
RGB	217, 149, 135
RGB Percent	85%, 58%, 53%
CMY	0.1490, 0.4157, 0.4706
CMYK	0.00, 0.31, 0.38, 0.15
HSL	10°, 52%, 69%
HSV	10°, 38%, 85%
XYZ	43.7359, 37.9959, 27.9505
YIQ	167.7360, 45.0220, 10.0620

Conversions

Conversions Part 2

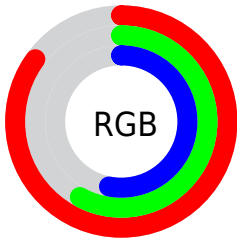
Format	Color
RYB	217, 152, 135
Decimal	14259591
CIELab	68.02, 23.87, 17.75
CIElCh	68, 29.746, 36.635
Yxy	37.9959, 0.3988, 0.3464
Android (android.graphics.Color)	4292449671 (0xFFD99587)
YUV	167.7360, -16.1388, 43.2045
Hunter-Lab	61.6408, 18.7794, 16.2640

Details

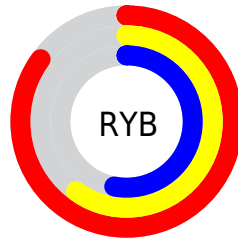
The XYZ color **43.7359, 37.9959, 27.9505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8711, 52.8705, 73.5384**, and the grayscale version is **37.1520, 39.0868, 42.5656**.

A 20% lighter version of the original color is **71.9100, 68.0766, 56.9270**, and **20.5046, 16.8648, 10.7689** is the 20% darker color. If you saturate the color by 10%, you get **39.7308, 32.1866, 19.8304**, and if you desaturate by 10%, it is **48.4942, 44.8131, 37.8586**.

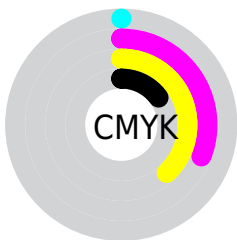
Distribution



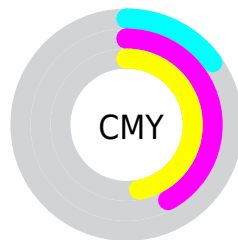
- Red (85%)
- Green (58%)
- Blue (53%)



- Red (85%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7359, 37.9959, 27.9505 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 43.7359, 37.9959, 27.9505 by changing the saturation by 10% instead.


 43.7359, 37.9959,
27.9505


 43.7359, 37.9959,
27.9505


352.4999,
337.6024, 306.1348


 30.6600, 25.9795,
18.0496


 80.0690, 72.1019,
57.4276

 20.4906, 16.8083,
10.8158


 104.0569, 94.9602,
77.8408

 12.8625, 10.0979,
5.8305


 132.4128,
122.2013, 102.5953

 7.4103, 5.4639,
2.6752

165.5020,
154.2096, 132.1095

 3.7686, 2.5220,
0.9309

203.6900,
191.3695, 166.8021

 1.5721, 0.8876,
0.0000

247.3421,

 0.3741, 0.0000,

234.0653, 207.0914

0.0000

296.8236,
282.6815, 253.3962

■ 0.0000, 0.0000,
0.0000

■ 43.7359, 37.9959,
27.9505

■ 43.7359, 37.9959,
27.9505

■ 39.7308, 32.1866,
19.8304

■ 48.4942, 44.8131,
37.8586

■ 36.4368, 27.3317,
13.3892

■ 54.0391, 52.6774,
49.6506

■ 33.8120, 23.3814,
8.5090

■ 60.4054, 61.6325,
63.4182

■ 31.8089, 20.2788,
5.0558

■ 67.6249, 71.7180,
79.2464

■ 30.3732, 17.9602,
2.8727

■ 75.7279, 82.9715,
97.2152

■ 29.4360, 16.3511,
1.7425

■ 82.4253, 93.4917,
108.3092

■ 29.2787, 16.0787,
1.5603

Harmonies

Analogous

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



45.6941, 37.9959, 38.4955



43.7359, 37.9959, 27.9505



39.7593, 37.9959, 22.1082

Triad

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



43.7359, 37.9959, 27.9505



28.5452, 37.9959, 32.0646



37.1520, 37.9959, 72.2007

Complementary

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



43.7359, 37.9959, 27.9505



43.8711, 52.8705, 73.5384

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.



32.6985, 37.9959, 69.4545



43.7359, 37.9959, 27.9505



27.9762, 37.9959, 44.3864

Square

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



43.7359, 37.9959, 27.9505



31.0598, 37.9959, 24.1048



29.4334, 37.9959, 58.5186



41.6887, 37.9959, 65.3771

Rectangle

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



43.7359, 37.9959, 27.9505



36.6388, 37.9959, 20.7881



29.4334, 37.9959, 58.5186



35.5942, 37.9959, 72.3847

Sweetspot

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



43.7369, 37.9977, 27.9512



83.8819, 84.3706, 84.5010



48.0987, 36.4077, 61.2008



17.6820, 17.6762, 17.4972



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.



43.7369, 37.9977, 27.9512



58.5366, 48.2498, 31.1356



51.3299, 53.1839, 30.4823



13.2349, 13.4091, 13.6162



17.7768, 9.8391, 0.9622



1.2073, 0.7487, 0.0809

Inverse Universe

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



43.8711, 52.8705, 73.5384



58.7309, 72.4642, 105.4993



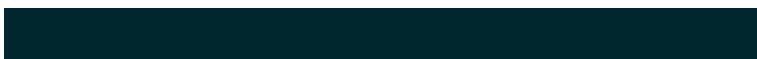
35.4955, 36.1193, 70.7465



13.2458, 14.4313, 16.7395



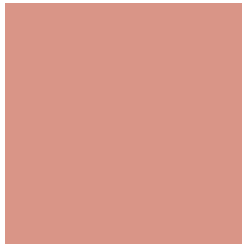
17.5223, 22.9141, 43.2377



1.1862, 1.5866, 2.8182

Previews

White Background



This preview shows how the XYZ color 43.7359, 37.9959, 27.9505 looks on a white background.

Color Contrast Check

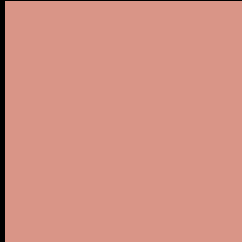
Large Text (above 18pt) WCAG AA × Fail

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 43.7359, 37.9959, 27.9505 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 43.7359, 37.9959, 27.9505

Background



This preview shows how black text looks on a background with the XYZ color 43.7359, 37.9959, 27.9505.



This preview shows how white text looks on a background with the XYZ color 43.7359, 37.9959,

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

43.7359, 37.9959, 27.9505

Protanopia

36.0497, 38.2543, 31.4704

Deuteranopia

38.7968, 38.1725, 27.5135



Tritanopia

45.5781, 38.0522, 36.8409

Trichromacy



Original Color

43.7359, 37.9959, 27.9505

Protanomaly

38.5396, 37.9822, 30.1110

Deuteranomaly

40.5487, 38.0547, 27.7624

Tritanomaly

44.7720, 37.9428, 33.3977

Monochromacy



Original Color

43.7359, 37.9959, 27.9505

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.9953, 38.3291, 36.7955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7359, 37.9959, 27.9505 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(217, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(217, 149, 135)  
}
```

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(217, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.7359, 37.9959, 27.9505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

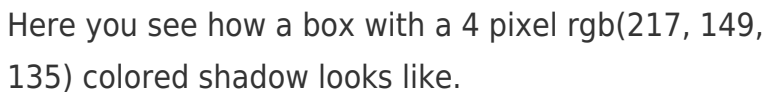
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 149, 135) }
```


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

```
.border{ border-color:rgb(217, 149, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 149, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 149, 135); box-shadow:4px 4px 4px 4px rgb(217, 149, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7359, 37.9959, 27.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 149, 135) }
```

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

```
.background{ background-color: rgb(217,  
149, 135) }
```

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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