

Converting Colors

XYZ(49.8133, 43.7572, 37.5971)

Have a look what the booklet for
XYZ(49.8133, 43.7572, 37.5971)
contains.

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Color

**XYZ(49.7079, 43.5835,
37.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A09D
RGB	225, 160, 157
RGB Percent	88%, 63%, 62%
CMY	0.1176, 0.3725, 0.3843
CMYK	0.00, 0.29, 0.30, 0.12
HSL	3°, 53%, 75%
HSV	3°, 30%, 88%
XYZ	49.7079, 43.5835, 37.6908
YIQ	179.0930, 39.7030, 12.8470

Conversions

Conversions Part 2

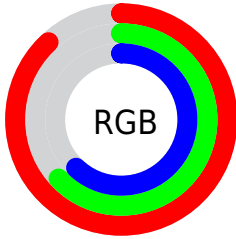
Format	Color
R _Y B	225, 160, 157
Decimal	14786717
CIE Lab	71.95, 23.75, 11.21
CIE LCh	72, 26.260, 25.265
Yxy	43.5835, 0.3795, 0.3327
Android (android.graphics.Color)	4292976797 (0xFFE1A09D)
YUV	179.0930, -10.8918, 40.2604
Hunter-Lab	66.0178, 18.8699, 12.3627

Details

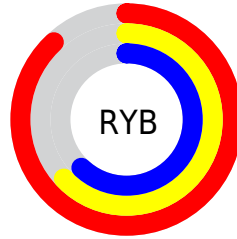
The XYZ color **49.7079, 43.5835, 37.6908** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6154, 64.8445, 80.9246**, and the grayscale version is **42.9397, 45.1759, 49.1966**.

A 20% lighter version of the original color is **77.4241, 74.6143, 72.6087**, and **24.1125, 20.0906, 16.2427** is the 20% darker color. If you saturate the color by 10%, you get **44.5499, 36.0636, 27.3509**, and if you desaturate by 10%, it is **55.8669, 52.5387, 50.1105**.

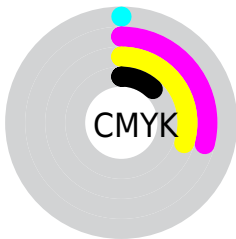
Distribution



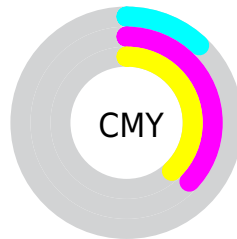
- Red (88%)
- Green (63%)
- Blue (62%)



- Red (88%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7079, 43.5835, 37.6908 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 49.7079, 43.5835, 37.6908 by changing the saturation by 10% instead.


 49.7079, 43.5835,
37.6908

 49.7079, 43.5835,
37.6908


375.9934,
361.0059, 351.5501

 35.3982, 30.3432,
25.4428


 88.9364, 80.5906,
72.8321

 24.1377, 20.0992,
16.1853


 114.5858,
105.1263, 96.5626

 15.5611, 12.4672,
9.4996


144.7459,
134.1958, 124.9576

 9.3030, 7.0627,
4.9672

179.7820,
168.1837, 158.4357

 4.9980, 3.5013,
2.1696

220.0595,
207.4742, 197.4154

 2.2808, 1.3987,
0.6568

265.9436,

 0.7848, 0.2158,

252.4518, 242.3154

0.0000

317.7998,
303.5010, 293.5541

■ 0.0000, 0.0000,
0.0000

■ 49.7079, 43.5835,
37.6908

■ 49.7079, 43.5835,
37.6908

■ 44.5499, 36.0636,
27.3509

■ 55.8669, 52.5387,
50.1105

■ 40.3367, 29.8987,
18.9746

■ 63.0722, 62.9920,
64.7122

■ 37.0120, 25.0100,
12.4386

■ 71.3704, 75.0095,
81.5945

■ 34.5121, 21.3081,
7.6042

■ 80.8046, 88.6521,
100.8493

■ 32.7648, 18.6920,
4.3136

■ 84.8613, 94.7476,
108.4232

■ 31.6854, 17.0440,
2.3789

■ 31.1593, 16.2234,
1.4892

Harmonies

Analogous

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



50.6100, 43.5835, 49.5193



49.7079, 43.5835, 37.6908



46.5260, 43.5835, 29.9406

Triad

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



49.7079, 43.5835, 37.6908



34.7453, 43.5835, 34.7479



40.7183, 43.5835, 76.5101

Complementary

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



49.7079, 43.5835, 37.6908



53.6154, 64.8445, 80.9246

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.



36.7108, 43.5835, 70.7365



49.7079, 43.5835, 37.6908



33.4241, 43.5835, 45.4489

Square

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



49.7079, 43.5835, 37.6908



37.8581, 43.5835, 28.4684



34.1171, 43.5835, 58.7748



45.2088, 43.5835, 73.4254

Rectangle

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



49.7079, 43.5835, 37.6908



43.6532, 43.5835, 27.3817



34.1171, 43.5835, 58.7748



39.2736, 43.5835, 75.5153

Sweetspot

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



49.7091, 43.5856, 37.6917



84.9697, 85.4032, 88.3873



56.3918, 45.4352, 75.4214



17.8625, 17.8095, 18.2595



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.



49.7091, 43.5856, 37.6917



61.7346, 51.6431, 41.4587



56.2663, 56.7001, 39.8774



13.7556, 13.7971, 14.2449



17.9776, 9.3931, 0.8655



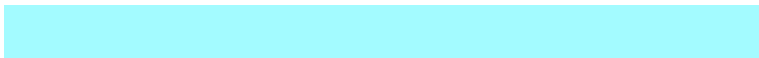
1.2635, 0.6859, 0.0658

Inverse Universe

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



53.6154, 64.8445, 80.9246



67.6748, 83.9867, 107.2520



45.6359, 48.8853, 78.2647



14.0620, 15.4630, 17.6312



21.8665, 31.2025, 45.9186



1.5319, 2.1954, 3.1882

Previews

White Background



This preview shows how the XYZ color 49.7079, 43.5835, 37.6908 looks on a white background.

Color Contrast Check

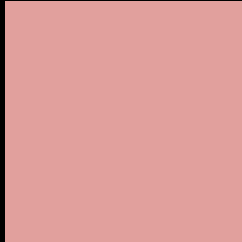
Large Text (above 18pt) WCAG AA × Fail

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 49.7079, 43.5835, 37.6908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

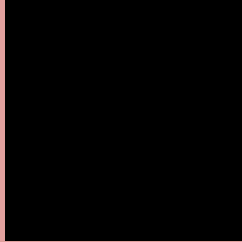
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7079, 43.5835, 37.6908

Background



This preview shows how black text looks on a background with the XYZ color 49.7079, 43.5835, 37.6908.



This preview shows how white text looks on a background with the XYZ color 49.7079, 43.5835,

37.6908.

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

49.7079, 43.5835, 37.6908

Protanopia

41.8453, 43.8346, 41.8527

Deuteranopia

44.6482, 43.6726, 37.0868



Tritanopia

50.8466, 43.5248, 43.7514

Trichromacy



Original Color

49.7079, 43.5835, 37.6908

Protanomaly

44.1850, 43.3639, 40.2237

Deuteranomaly

46.2153, 43.3744, 37.3888

Tritanomaly

50.5537, 43.6816, 41.3642

Monochromacy



Original Color

49.7079, 43.5835, 37.6908

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.8682, 44.1811, 44.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7079, 43.5835, 37.6908 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(225, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(225, 160, 157)  
}
```

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(225, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 160, 157) }
```

Border

The CSS property to change the border of an element to XYZ 49.7079, 43.5835, 37.6908 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(225, 160, 157) }
```


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

```
.border{ border-color:rgb(225, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 160, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 160, 157);  
box-shadow:4px 4px 4px 4px rgb(225, 160,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7079, 43.5835, 37.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 160, 157) }
```

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

```
.background{ background-color: rgb(225,  
160, 157) }
```

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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