

Converting Colors

XYZ(45.5011, 39.9589, 37.3843)

Have a look what the booklet for
XYZ(45.5011, 39.9589, 37.3843)
contains.

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Color

**XYZ(45.3730, 39.8417,
37.1971)**

Conversions

Conversions Part 1

Format	Color
Hex	D69A9D
RGB	214, 154, 157
RGB Percent	84%, 60%, 62%
CMY	0.1608, 0.3961, 0.3843
CMYK	0.00, 0.28, 0.27, 0.16
HSL	357°, 42%, 72%
HSV	357°, 28%, 84%
XYZ	45.3730, 39.8417, 37.1971
YIQ	172.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

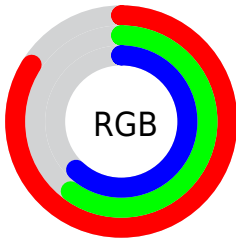
Format	Color
R _Y B	214, 154, 157
Decimal	14064285
CIE Lab	69.36, 22.86, 7.35
CIE LCh	69, 24.009, 17.836
Yxy	39.8417, 0.3707, 0.3255
Android (android.graphics.Color)	4292254365 (0xFFD69A9D)
YUV	172.2820, -7.5340, 36.5867
Hunter-Lab	63.1203, 17.8514, 9.2443

Details

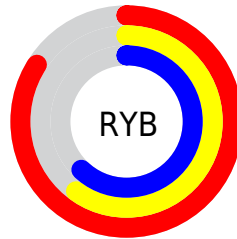
The XYZ color **45.3730, 39.8417, 37.1971** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1326, 59.6673, 70.5585**, and the grayscale version is **39.3811, 41.4320, 45.1194**.

A 20% lighter version of the original color is **75.7983, 71.5641, 71.4463**, and **21.4534, 17.8125, 15.9431** is the 20% darker color. If you saturate the color by 10%, you get **40.5570, 32.7601, 27.7286**, and if you desaturate by 10%, it is **51.1097, 48.3018, 48.3984**.

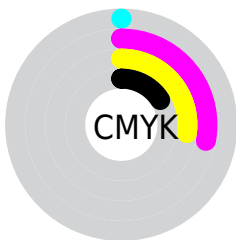
Distribution



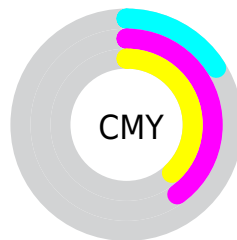
- Red (84%)
- Green (60%)
- Blue (62%)



- Red (84%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3730, 39.8417, 37.1971 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 45.3730, 39.8417, 37.1971 by changing the saturation by 10% instead.


 45.3730, 39.8417,
37.1971


 45.3730, 39.8417,
37.1971


359.0405,
345.4559, 349.3574

 31.9539, 27.4151,
25.0632


 82.5135, 74.9224,
72.0655

 21.4816, 17.8853,
15.9047


 106.9655, 98.3453,
95.6371

 13.5910, 10.8676,
9.3031

135.8259,
126.2025, 123.8583

 7.9165, 5.9779,
4.8399

169.4600,
158.8783, 157.1476

 4.0929, 2.8316,
2.0965

208.2331,
196.7572, 195.9237

 1.7548, 1.0445,
0.6137

252.5107,

 0.4902, 0.0000,

240.2235, 240.6050

0.0000

302.6580,
289.6616, 291.6100

■ 0.0000, 0.0000,
0.0000

■ 45.3730, 39.8417,
37.1971

■ 45.3730, 39.8417,
37.1971

■ 40.5570, 32.7601,
27.7286

■ 51.1097, 48.3018,
48.3984

■ 36.6107, 26.9788,
19.9042

■ 57.8081, 58.2022,
61.4105

■ 33.4831, 22.4204,
13.6308

■ 65.5107, 69.6074,
76.3094

■ 31.1166, 18.9969,
8.8052

■ 74.2565, 82.5767,
93.1663

■ 29.4463, 16.6088,
5.3116

■ 81.5417, 93.0362,
108.2678

■ 28.3959, 15.1390,
3.0166

■ 27.8613, 14.4211,
1.7552

■ 27.7903, 14.3196,
1.6064

Harmonies

Analogous

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



45.5876, 39.8417, 48.0100



45.3730, 39.8417, 37.1971



43.0658, 39.8417, 29.4696

Triad

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



45.3730, 39.8417, 37.1971



32.6347, 39.8417, 30.6328



36.3277, 39.8417, 67.6219

Complementary

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



45.3730, 39.8417, 37.1971



49.1326, 59.6673, 70.5585

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.



33.1068, 39.8417, 61.0983



45.3730, 39.8417, 37.1971



31.0737, 39.8417, 39.0592

Square

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



45.3730, 39.8417, 37.1971



35.6427, 39.8417, 26.1459



31.2405, 39.8417, 50.2145



40.1848, 39.8417, 66.8934

Rectangle

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



45.3730, 39.8417, 37.1971



40.7345, 39.8417, 26.5391



31.2405, 39.8417, 50.2145



35.1399, 39.8417, 66.1643

Sweetspot

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



45.3741, 39.8436, 37.1979



85.9189, 86.4818, 91.2309



50.5583, 41.8170, 69.0254



18.0461, 18.0018, 18.8601



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.



45.3741, 39.8436, 37.1979



62.8051, 52.3790, 46.1472



50.0894, 49.6785, 37.5232



12.4481, 12.4308, 13.0342



16.8087, 8.6598, 1.0306



1.0229, 0.5259, 0.1098

Inverse Universe

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



45.3741, 39.8436, 37.1979



62.8051, 52.3790, 46.1472



43.2360, 47.2674, 70.4633



12.4481, 12.4308, 13.0342



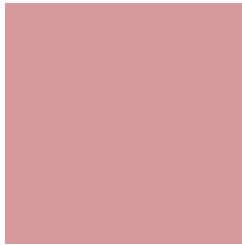
16.8087, 8.6598, 1.0306



1.0229, 0.5259, 0.1098

Previews

White Background



This preview shows how the XYZ color 45.3730, 39.8417, 37.1971 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 45.3730, 39.8417, 37.1971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

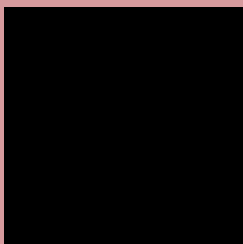
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3730, 39.8417, 37.1971

Background



This preview shows how black text looks on a background with the XYZ color 45.3730, 39.8417, 37.1971.



This preview shows how white text looks on a background with the XYZ color 45.3730, 39.8417,

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

45.3730, 39.8417, 37.1971

Protanopia

38.4351, 40.0912, 41.3099

Deuteranopia

40.6777, 39.9938, 36.5860



Tritanopia

46.2071, 39.9462, 40.8723

Trichromacy



Original Color

45.3730, 39.8417, 37.1971

Protanomaly

40.7833, 39.9784, 39.7495

Deuteranomaly

42.1247, 39.6840, 36.8921

Tritanomaly

45.9372, 39.8382, 39.4508

Monochromacy



Original Color

45.3730, 39.8417, 37.1971

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.9237, 40.2651, 42.1742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3730, 39.8417, 37.1971 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(214, 154, 157) looks like.

```
.text, #text, p{  
    color:rgb(214, 154, 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(214, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 154, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.3730, 39.8417, 37.1971 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(214, 154, 157) }
```


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

```
.border{ border-color:rgb(214, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 154,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3730, 39.8417, 37.1971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 154, 157) }
```

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

```
.background{ background-color: rgb(214,  
154, 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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