

Converting Colors

XYZ(45.2436, 40.7494, 37.4033)

Have a look what the booklet for
XYZ(45.2436, 40.7494, 37.4033)
contains.

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Color

**XYZ(45.1766, 40.7369,
37.3802)**

Conversions

Conversions Part 1

Format	Color
Hex	D39E9D
RGB	211, 158, 157
RGB Percent	83%, 62%, 62%
CMY	0.1725, 0.3804, 0.3843
CMYK	0.00, 0.25, 0.26, 0.17
HSL	1°, 38%, 72%
HSV	1°, 26%, 83%
XYZ	45.1766, 40.7369, 37.3802
YIQ	173.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

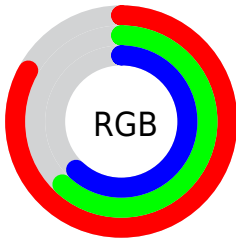
Format	Color
R _Y B	211, 158, 157
Decimal	13868701
CIE Lab	69.99, 19.56, 8.22
CIE LCh	70, 21.212, 22.797
Yxy	40.7369, 0.3664, 0.3304
Android (android.graphics.Color)	4292058781 (0xFFD39E9D)
YUV	173.7330, -8.2494, 32.6832
Hunter-Lab	63.8255, 14.6504, 9.9539

Details

The XYZ color **45.1766, 40.7369, 37.3802** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7084, 57.9626, 70.2489**, and the grayscale version is **40.1255, 42.2152, 45.9723**.

A 20% lighter version of the original color is **76.9179, 73.6020, 72.4399**, and **21.2731, 18.3172, 16.0500** is the 20% darker color. If you saturate the color by 10%, you get **40.2890, 33.5997, 27.6176**, and if you desaturate by 10%, it is **50.9727, 49.1926, 48.9813**.

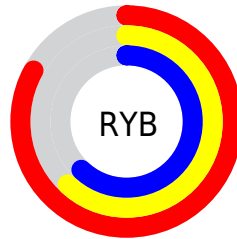
Distribution



Red (83%)

Green (62%)

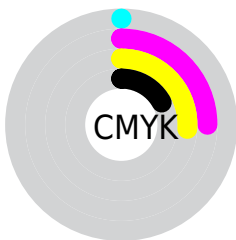
Blue (62%)



Red (83%)

Yellow (62%)

Blue (62%)

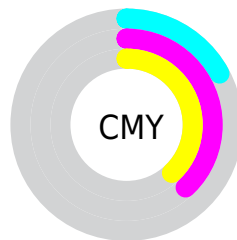


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (17%)



Cyan (17%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1766, 40.7369, 37.3802 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 45.1766, 40.7369, 37.3802 by changing the saturation by 10% instead.


 45.1766, 40.7369,
37.3802


 45.1766, 40.7369,
37.3802


358.2600,
349.2198, 350.1718

 31.7984, 28.1136,
25.2039


 82.2208, 76.2843,
72.3500

 21.3624, 18.4113,
16.0086


 106.6175, 99.9772,
95.9806

 13.5031, 11.2457,
9.3758


135.4178,
128.1288, 124.2664

 7.8553, 6.2323,
4.8870

168.9870,
161.1233, 157.6258

 4.0535, 2.9869,
2.1235

207.6904,
199.3453, 196.4776

 1.7324, 1.1249,
0.6297

251.8935,

 0.4765, 0.0000,

243.1791, 241.2401

0.0000

301.9616,
293.0092, 292.3320

■ 0.0000, 0.0000,
0.0000

■ 45.1766, 40.7369,
37.3802

■ 45.1766, 40.7369,
37.3802

■ 40.2890, 33.5997,
27.6176

■ 50.9727, 49.1926,
48.9813

■ 36.2607, 27.7094,
19.5970

■ 57.7166, 59.0225,
62.5058

■ 33.0432, 22.9960,
13.2166

■ 65.4491, 70.2859,
78.0365

■ 30.5814, 19.3806,
8.3632

■ 74.2080, 83.0373,
95.6503

■ 28.8137, 16.7744,
4.9093

■ 80.6740, 92.5889,
108.2272

■ 27.6687, 15.0751,
2.7068

■ 27.0596, 14.1585,
1.5737

■ 26.9066, 13.9341,
1.2714

Harmonies

Analogous

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



45.6960, 40.7369, 46.7858



45.1766, 40.7369, 37.3802



42.8794, 40.7369, 30.8539

Triad

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



45.1766, 40.7369, 37.3802



33.6620, 40.7369, 33.8112



37.8916, 40.7369, 66.0517

Complementary

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



45.1766, 40.7369, 37.3802



48.7084, 57.9626, 70.2489

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.



34.8372, 40.7369, 61.3133



45.1766, 40.7369, 37.3802



32.4914, 40.7369, 42.0110

Square

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



45.1766, 40.7369, 37.3802



36.2001, 40.7369, 29.0175



32.9085, 40.7369, 52.1488



41.3525, 40.7369, 64.3235

Rectangle

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



45.1766, 40.7369, 37.3802



40.7188, 40.7369, 28.5413



32.9085, 40.7369, 52.1488



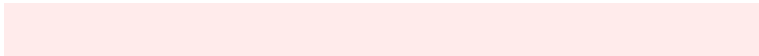
36.7862, 40.7369, 65.1411

Sweetspot

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



45.1777, 40.7388, 37.3810



85.8801, 86.6399, 90.4914



50.5666, 42.6214, 66.5999



18.0365, 18.0411, 18.6760



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.



45.1777, 40.7388, 37.3810



64.8768, 56.0031, 48.4387



50.2781, 50.9397, 39.0812



11.8261, 11.8429, 12.2746



16.2464, 8.4257, 0.7701



0.9147, 0.4838, 0.0452

Inverse Universe

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



48.7084, 57.9626, 70.2489



71.2360, 87.0300, 107.6517



42.6170, 45.7799, 68.2184



12.1388, 13.3678, 15.1841



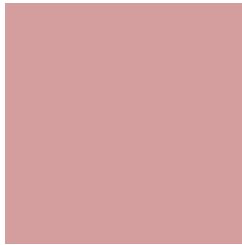
20.5818, 29.8101, 41.8616



1.1569, 1.6791, 2.3427

Previews

White Background



This preview shows how the XYZ color 45.1766, 40.7369, 37.3802 looks on a white background.

Color Contrast Check

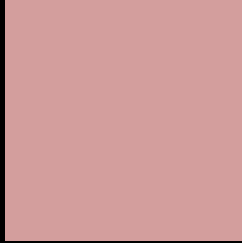
Large Text (above 18pt) WCAG AA × Fail

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 45.1766, 40.7369, 37.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

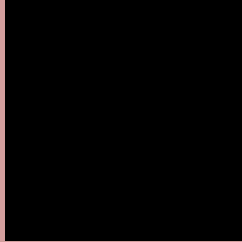
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1766, 40.7369, 37.3802

Background



This preview shows how black text looks on a background with the XYZ color 45.1766, 40.7369, 37.3802.



This preview shows how white text looks on a background with the XYZ color 45.1766, 40.7369,

37.3802.

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

45.1766, 40.7369, 37.3802

Protanopia

39.1682, 41.0363, 40.9784

Deuteranopia

41.7040, 40.7799, 37.1258



Tritanopia

46.1077, 40.6011, 42.4524

Trichromacy



Original Color

45.1766, 40.7369, 37.3802

Protanomaly

41.0555, 40.6645, 39.4034

Deuteranomaly

42.7405, 40.5203, 37.0210

Tritanomaly

45.9092, 40.7913, 40.5758

Monochromacy



Original Color

45.1766, 40.7369, 37.3802

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.5640, 41.3972, 42.8456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1766, 40.7369, 37.3802 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(211, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 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(211, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.1766, 40.7369, 37.3802 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(211, 158, 157) }
```


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

```
.border{ border-color:rgb(211, 158, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1766, 40.7369, 37.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 157) }
```

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

```
.background{ background-color: rgb(211,  
158, 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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