

Converting Colors

XYZ(44.6858, 40.6729, 38.0219)

Have a look what the booklet for
XYZ(44.6858, 40.6729, 38.0219)
contains.

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Color

**XYZ(44.5821, 40.6748,
37.8490)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D09F9E |
| RGB | 208, 159, 158 |
| RGB Percent | 82%, 62%, 62% |
| CMY | 0.1843, 0.3765, 0.3804 |
| CMYK | 0.00, 0.24, 0.24, 0.18 |
| HSL | 1°, 35%, 72% |
| HSV | 1°, 24%, 82% |
| XYZ | 44.5821, 40.6748, 37.8490 |
| YIQ | 173.5370, 29.5250, 10.0770 |

Conversions

Conversions Part 2

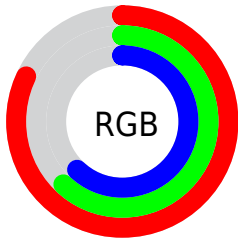
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 208, 159, 158 |
| Decimal | 13672350 |
| CIE _{Lab} | 69.95, 18.02, 7.56 |
| CIE _{LCh} | 70, 19.546, 22.756 |
| Y _{xy} | 40.6748, 0.3621, 0.3304 |
| Android (android.graphics.Color) | 4291862430 (0xFFD09F9E) |
| Y _{UV} | 173.5370, -7.6597, 30.2241 |
| Hunter-Lab | 63.7768, 13.1680, 9.4575 |

Details

The XYZ color **44.5821, 40.6748, 37.8490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7979, 56.4471, 68.0509**, and the grayscale version is **40.0231, 42.1074, 45.8549**.

A 20% lighter version of the original color is **77.2968, 74.1572, 73.1906**, and **21.0484, 18.3492, 16.3423** is the 20% darker color. If you saturate the color by 10%, you get **39.7204, 33.5781, 28.1303**, and if you desaturate by 10%, it is **50.3270, 49.0523, 49.3580**.

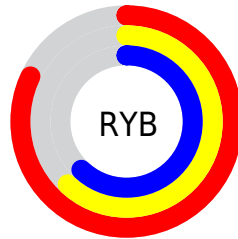
Distribution



Red (82%)

Green (62%)

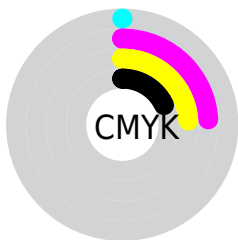
Blue (62%)



Red (82%)

Yellow (62%)

Blue (62%)

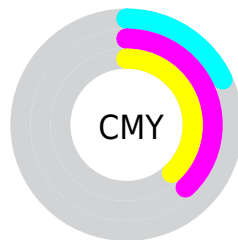


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5821, 40.6748, 37.8490 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 44.5821, 40.6748, 37.8490 by changing the saturation by 10% instead.


 44.5821, 40.6748,
37.8490


 44.5821, 40.6748,
37.8490


355.8906,
348.9596, 352.2505

 31.3283, 28.0651,
25.5646

 81.3339, 76.1900,
73.0775

 21.0020, 18.3747,
16.2754


 105.5625, 99.8642,
96.8587

 13.2379, 11.2193,
9.5628


134.1802,
127.9954, 125.3091

 7.6707, 6.2146,
5.0082

167.5522,
160.9680, 158.8475

 3.9350, 2.9760,
2.1933

206.0439,
199.1663, 197.8923

 1.6654, 1.1192,
0.6705

250.0206,

 0.4345, 0.0000,

242.9747, 242.8620

0.0000

299.8477,
292.7777, 294.1753

■ 0.0000, 0.0000,
0.0000

■ 44.5821, 40.6748,
37.8490

■ 44.5821, 40.6748,
37.8490

■ 39.7204, 33.5781,
28.1303

■ 50.3270, 49.0523,
49.3580

■ 35.6951, 27.6939,
20.1097

■ 56.9923, 58.7635,
62.7382

■ 32.4599, 22.9560,
13.6904

■ 64.6171, 69.8648,
78.0686

■ 29.9630, 19.2898,
8.7650

■ 73.2374, 82.4082,
95.4231

■ 28.1462, 16.6118,
5.2131

■ 79.8225, 92.1499,
108.1874

■ 26.9425, 14.8261,
2.8953

■ 26.2716, 13.8179,
1.6433

■ 26.0579, 13.5006,
1.2325

Harmonies

Analogous

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



45.0539, 40.6748, 46.5346



44.5821, 40.6748, 37.8490



42.4831, 40.6748, 31.7504

Triad

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



44.5821, 40.6748, 37.8490



33.9906, 40.6748, 34.5058



37.8937, 40.6748, 64.0472

Complementary

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



44.5821, 40.6748, 37.8490



47.7979, 56.4471, 68.0509

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.



35.0738, 40.6748, 59.7553



44.5821, 40.6748, 37.8490



32.9019, 40.6748, 42.1148

Square

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



44.5821, 40.6748, 37.8490



36.3411, 40.6748, 30.0131



33.2874, 40.6748, 51.4186



41.0758, 40.6748, 62.4943

Rectangle

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



44.5821, 40.6748, 37.8490



40.5027, 40.6748, 29.5705



33.2874, 40.6748, 51.4186



36.8744, 40.6748, 63.2223

Sweetspot

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



44.5832, 40.6767, 37.8498



86.9796, 88.2464, 92.6847



49.5225, 42.3772, 64.7081



18.4759, 18.6825, 19.5545



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.



44.5832, 40.6767, 37.8498



66.4234, 58.2738, 51.4900



49.2902, 50.0907, 39.4188



11.8275, 11.8457, 12.2751



16.2491, 8.4312, 0.7710



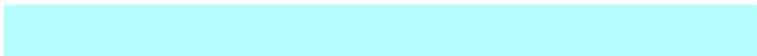
0.9154, 0.4851, 0.0454

Inverse Universe

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



47.7979, 56.4471, 68.0509



72.4058, 87.6259, 107.7050



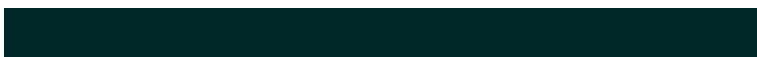
42.2482, 45.3478, 66.2010



12.1372, 13.3646, 15.1836



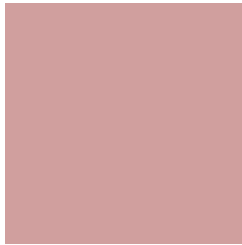
20.5366, 29.7197, 41.8466



1.1549, 1.6750, 2.3420

Previews

White Background



This preview shows how the XYZ color 44.5821, 40.6748, 37.8490 looks on a white background.

Color Contrast Check

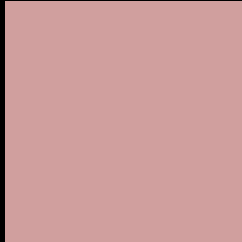
Large Text (above 18pt) WCAG AA × Fail

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 44.5821, 40.6748, 37.8490 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 44.5821, 40.6748, 37.8490

Background



This preview shows how black text looks on a background with the XYZ color 44.5821, 40.6748, 37.8490.



This preview shows how white text looks on a background with the XYZ color 44.5821, 40.6748,

37.8490.

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

44.5821, 40.6748, 37.8490

Protanopia

39.1682, 41.0363, 40.9784

Deuteranopia

41.5333, 40.6820, 37.5617



Tritanopia

45.5129, 40.5338, 42.9611

Trichromacy



Original Color

44.5821, 40.6748, 37.8490

Protanomaly

41.0793, 40.9374, 39.9190

Deuteranomaly

42.4717, 40.6345, 37.5030

Tritanomaly

45.3129, 40.7256, 41.0699

Monochromacy



Original Color

44.5821, 40.6748, 37.8490

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.5056, 41.6422, 42.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5821, 40.6748, 37.8490 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(208, 159, 158)` looks like.

```
.text, #text, p{  
    color:rgb(208, 159, 158)  
}
```

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(208, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 159, 158) }
```

Border

The CSS property to change the border of an element to XYZ 44.5821, 40.6748, 37.8490 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(208, 159, 158) }
```


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

```
.border{ border-color:rgb(208, 159, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 159, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 159, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 159, 158);  
box-shadow:4px 4px 4px 4px rgb(208, 159,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5821, 40.6748, 37.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 159, 158) }
```

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

```
.background{ background-color: rgb(208,  
159, 158) }
```

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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