

Converting Colors

XYZ(40.5152, 36.0073, 32.5859)

Have a look what the booklet for
XYZ(40.5152, 36.0073, 32.5859)
contains.

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Color

**XYZ(40.4850, 35.9829,
32.4154)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9493
RGB	203, 148, 147
RGB Percent	80%, 58%, 58%
CMY	0.2039, 0.4196, 0.4235
CMYK	0.00, 0.27, 0.28, 0.20
HSL	1°, 35%, 69%
HSV	1°, 28%, 80%
XYZ	40.4850, 35.9829, 32.4154
YIQ	164.3310, 33.1010, 11.3490

Conversions

Conversions Part 2

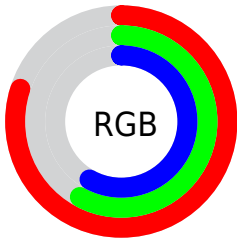
Format	Color
R _{YB}	203, 148, 147
Decimal	13341843
CIE _{Lab}	66.51, 20.57, 8.71
CIE _{LCh}	67, 22.337, 22.946
Yxy	35.9829, 0.3718, 0.3305
Android (android.graphics.Color)	4291531923 (0xFFCB9493)
YUV	164.3310, -8.5442, 33.9127
Hunter-Lab	59.9857, 15.4964, 9.9506

Details

The XYZ color **40.4850, 35.9829, 32.4154** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9321, 52.7544, 64.3673**, and the grayscale version is **35.4735, 37.3209, 40.6424**.

A 20% lighter version of the original color is **72.9031, 67.7181, 64.4868**, and **18.6451, 15.7084, 13.3586** is the 20% darker color. If you saturate the color by 10%, you get **36.1682, 29.6774, 23.7987**, and if you desaturate by 10%, it is **45.6234, 43.4813, 42.6935**.

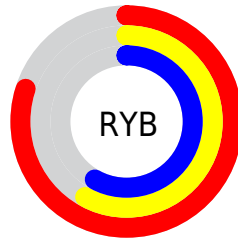
Distribution



Red (80%)

Green (58%)

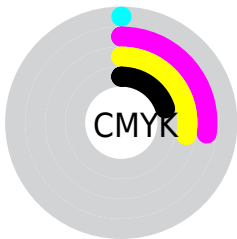
Blue (58%)



Red (80%)

Yellow (58%)

Blue (58%)

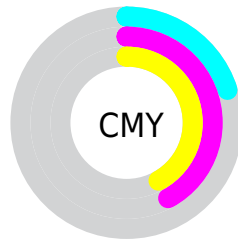


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4850, 35.9829, 32.4154 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 40.4850, 35.9829, 32.4154 by changing the saturation by 10% instead.


 40.4850, 35.9829,
32.4154


 40.4850, 35.9829,
32.4154


339.2630,
328.8858, 327.5581

 28.1028, 24.4210,
21.4115


 75.1811, 69.0057,
64.5672

 18.5440, 15.6462,
13.2310


 98.2258, 91.2353,
86.5522

 11.4433, 9.2741,
7.4552


125.5553,
117.7897, 113.0347

 6.4353, 4.9204,
3.6656

157.5350,
149.0531, 144.4332

 3.1547, 2.2006,
1.4438

194.5303,
185.4101, 181.1662

 1.2361, 0.7203,
0.1755

236.9065,

 0.1346, 0.0000,

227.2449, 223.6524

0.0000

285.0289,
274.9420, 272.3101

■ 0.0000, 0.0000,
0.0000

■ 40.4850, 35.9829,
32.4154

■ 40.4850, 35.9829,
32.4154

■ 36.1682, 29.6774,
23.7987

■ 45.6234, 43.4813,
42.6935

■ 32.6277, 24.4987,
16.7543

■ 51.6199, 52.2243,
54.7115

■ 29.8184, 20.3819,
11.1880

■ 58.5122, 62.2666,
68.5456

■ 27.6891, 17.2534,
6.9944

■ 66.3348, 73.6583,
84.2667

■ 26.1823, 15.0304,
4.0547

■ 75.1208, 86.4468,
101.9419

■ 25.2309, 13.6167,
2.2296

■ 78.4387, 91.4366,
108.1226

■ 24.7473, 12.8908,
1.3246

■ 24.6682, 12.7756,
1.1658

Harmonies

Analogous

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



41.0032, 35.9829, 41.4898



40.4850, 35.9829, 32.4154



38.2327, 35.9829, 26.2187

Triad

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



40.4850, 35.9829, 32.4154



29.3111, 35.9829, 29.0772



33.4153, 35.9829, 60.4984

Complementary

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



40.4850, 35.9829, 32.4154



43.9321, 52.7544, 64.3673

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.



30.4626, 35.9829, 55.8315



40.4850, 35.9829, 32.4154



28.1954, 35.9829, 36.9561

Square

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



40.4850, 35.9829, 32.4154



31.7493, 35.9829, 24.5225



28.6028, 35.9829, 46.8241



36.7751, 35.9829, 58.7512

Rectangle

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



40.4850, 35.9829, 32.4154



36.1257, 35.9829, 24.0508



28.6028, 35.9829, 46.8241



32.3453, 35.9829, 59.6053

Sweetspot

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



40.4860, 35.9846, 32.4161



85.8762, 86.6321, 90.4901



45.7312, 37.8318, 60.8108



18.0355, 18.0392, 18.6757



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.



40.4860, 35.9846, 32.4161



63.3972, 53.8363, 45.5032



45.4077, 45.8280, 34.0567



11.2282, 11.2453, 11.6582



15.7058, 8.1445, 0.7443



0.8160, 0.4317, 0.0403

Inverse Universe

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



43.9321, 52.7544, 64.3673



70.0926, 86.4224, 107.5947



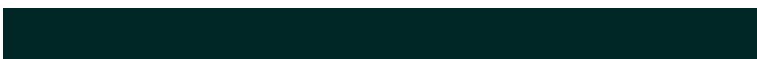
37.9615, 40.8132, 62.3771



11.5254, 12.6912, 14.4126



19.9179, 28.8599, 40.4770



1.0332, 1.5001, 2.0900

Previews

White Background



This preview shows how the XYZ color 40.4850, 35.9829, 32.4154 looks on a white background.

Color Contrast Check

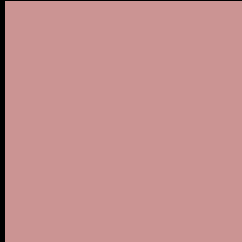
Large Text (above 18pt) WCAG AA × Fail

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 40.4850, 35.9829, 32.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

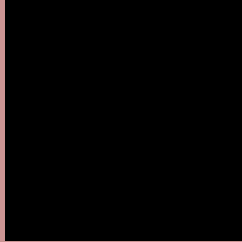
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4850, 35.9829, 32.4154

Background



This preview shows how black text looks on a background with the XYZ color 40.4850, 35.9829, 32.4154.



This preview shows how white text looks on a background with the XYZ color 40.4850, 35.9829,

32.4154.

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

40.4850, 35.9829, 32.4154

Protanopia

34.5140, 36.0383, 35.7089

Deuteranopia

36.7665, 36.0116, 31.8012



Tritanopia

41.3523, 35.8638, 37.0906

Trichromacy



Original Color

40.4850, 35.9829, 32.4154

Protanomaly

36.2968, 35.7146, 34.2587

Deuteranomaly

38.0654, 35.9342, 32.1239

Tritanomaly

41.1683, 36.0379, 35.3581

Monochromacy



Original Color

40.4850, 35.9829, 32.4154

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7585, 36.3873, 37.4338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4850, 35.9829, 32.4154 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(203, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 148, 147)  
}
```

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(203, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 148, 147) }
```

Border

The CSS property to change the border of an element to XYZ 40.4850, 35.9829, 32.4154 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(203, 148, 147) }
```


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

```
.border{ border-color:rgb(203, 148, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 148, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 148,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4850, 35.9829, 32.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 148, 147) }
```

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

```
.background{ background-color: rgb(203,  
148, 147) }
```

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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