

Converting Colors

XYZ(41.7646, 37.5005, 33.9874)

Have a look what the booklet for
XYZ(41.7646, 37.5005, 33.9874)
contains.

XYZ(41.9101, 37.6376, 33.9100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.9101, 37.6376,
33.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9896
RGB	205, 152, 150
RGB Percent	80%, 60%, 59%
CMY	0.1961, 0.4039, 0.4118
CMYK	0.00, 0.26, 0.27, 0.20
HSL	2°, 35%, 70%
HSV	2°, 27%, 80%
XYZ	41.9101, 37.6376, 33.9100
YIQ	167.6190, 32.2300, 10.6140

Conversions

Conversions Part 2

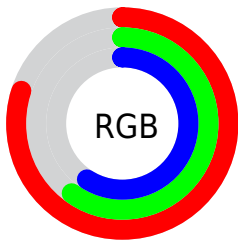
Format	Color
R _Y B	205, 152, 150
Decimal	13473942
CIE Lab	67.75, 19.56, 8.83
CIE LCh	68, 21.466, 24.304
Yxy	37.6376, 0.3694, 0.3317
Android (android.graphics.Color)	4291664022 (0xFFCD9896)
YUV	167.6190, -8.6862, 32.7831
Hunter-Lab	61.3495, 14.5783, 10.1730

Details

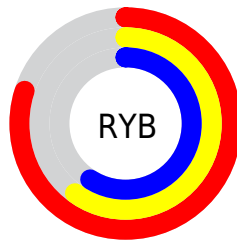
The XYZ color **41.9101, 37.6376, 33.9100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9524, 53.6021, 65.7349**, and the grayscale version is **37.0637, 38.9939, 42.4644**.

A 20% lighter version of the original color is **74.4519, 70.2453, 66.7614**, and **19.4835, 16.6922, 13.9994** is the 20% darker color. If you saturate the color by 10%, you get **37.4583, 31.1485, 24.9819**, and if you desaturate by 10%, it is **47.1867, 45.3135, 44.5386**.

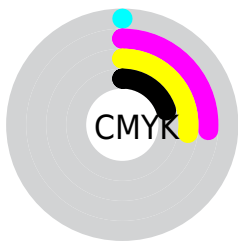
Distribution



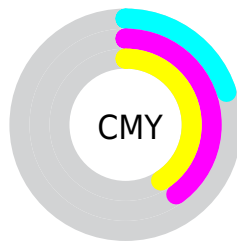
- Red (80%)
- Green (60%)
- Blue (59%)



- Red (80%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9101, 37.6376, 33.9100 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 41.9101, 37.6376, 33.9100 by changing the saturation by 10% instead.


 41.9101, 37.6376,
33.9100


 41.9101, 37.6376,
33.9100

345.1081,
336.0628, 334.4875

 29.2217, 25.7015,
22.5477

 77.3296, 71.5523,
66.9260

 19.3937, 16.6005,
14.0577

 100.7913, 94.2998,
89.4167

 12.0608, 9.9501,
8.0216


128.5750,
121.4199, 116.4540

 6.8576, 5.3659,
4.0208


161.0458,
153.2969, 148.4563

 3.4187, 2.4635,
1.6368

198.5691,
190.3153, 185.8423

 1.3789, 0.8583,
0.3169

241.5104,

 0.2411, 0.0000,

232.8595, 229.0305

0.0000

290.2350,
281.3139, 278.4393

■ 0.0000, 0.0000,
0.0000

■ 41.9101, 37.6376,
33.9100

■ 41.9101, 37.6376,
33.9100

■ 37.4583, 31.1485,
24.9819

■ 47.1867, 45.3135,
44.5386

■ 33.7867, 25.7821,
17.6640

■ 53.3235, 54.2258,
56.9470

■ 30.8513, 21.4763,
11.8610

■ 60.3577, 64.4275,
71.2125

■ 28.6024, 18.1607,
7.4668

■ 68.3234, 75.9670,
87.4069

■ 26.9843, 15.7566,
4.3617

■ 77.2527, 88.8903,
105.5984

■ 25.9323, 14.1733,
2.4059

■ 78.9869, 91.7192,
108.1483

■ 25.3660, 13.3004,
1.4170

■ 25.2580, 13.1413,
1.2053

Harmonies

Analogous

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



42.5064, 37.6376, 42.8219



41.9101, 37.6376, 33.9100



39.6276, 37.6376, 27.8586

Triad

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



41.9101, 37.6376, 33.9100



30.8372, 37.6376, 31.2154



35.1437, 37.6376, 61.9890

Complementary

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



41.9101, 37.6376, 33.9100



44.9524, 53.6021, 65.7349

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.



32.1776, 37.6376, 57.6869



41.9101, 37.6376, 33.9100



29.7919, 37.6376, 39.1936

Square

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



41.9101, 37.6376, 33.9100



33.2108, 37.6376, 26.4795



30.2671, 37.6376, 48.9723



38.4646, 37.6376, 59.9955

Rectangle

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



41.9101, 37.6376, 33.9100



37.5278, 37.6376, 25.7845



30.2671, 37.6376, 48.9723



34.0746, 37.6376, 61.2131

Sweetspot

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



41.9111, 37.6394, 33.9108



85.9844, 86.8485, 90.5262



46.8829, 39.1120, 61.6827



18.0624, 18.0930, 18.6846



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.



41.9111, 37.6394, 33.9108



64.4202, 55.4899, 47.0537



46.8692, 47.5555, 35.5635



11.2446, 11.2781, 11.6637



15.7391, 8.2111, 0.7554



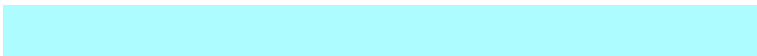
0.8237, 0.4471, 0.0429

Inverse Universe

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



44.9524, 53.6021, 65.7349



70.1910, 85.7875, 107.4669



39.0576, 41.8123, 63.7699



11.5069, 12.6542, 14.4064



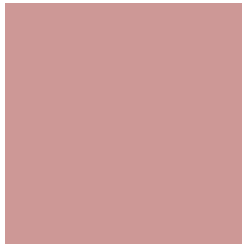
19.3807, 27.7853, 40.2979



1.0110, 1.4558, 2.0826

Previews

White Background



This preview shows how the XYZ color 41.9101, 37.6376, 33.9100 looks on a white background.

Color Contrast Check

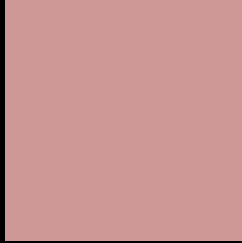
Large Text (above 18pt) WCAG AA × Fail

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 41.9101, 37.6376, 33.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

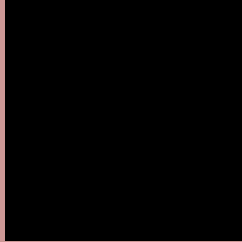
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9101, 37.6376, 33.9100

Background



This preview shows how black text looks on a background with the XYZ color 41.9101, 37.6376, 33.9100.



This preview shows how white text looks on a background with the XYZ color 41.9101, 37.6376,

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

41.9101, 37.6376, 33.9100

Protanopia

36.1185, 37.8906, 37.3083

Deuteranopia

38.3165, 37.5310, 33.6585



Tritanopia

42.8815, 37.5431, 39.1689

Trichromacy



Original Color

41.9101, 37.6376, 33.9100

Protanomaly

37.9320, 37.5420, 35.8189

Deuteranomaly

39.5614, 37.4162, 33.5707

Tritanomaly

42.6918, 37.7237, 37.3790

Monochromacy



Original Color

41.9101, 37.6376, 33.9100

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4094, 38.2376, 39.0744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9101, 37.6376, 33.9100 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(205, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 150)  
}
```

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(205, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.9101, 37.6376, 33.9100 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(205, 152, 150) }
```


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

```
.border{ border-color:rgb(205, 152, 150) }
```

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

Here you see how a box with a 4 pixel rgb(205, 152, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9101, 37.6376, 33.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 150) }
```

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

```
.background{ background-color: rgb(205,  
152, 150) }
```

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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