

Converting Colors

XYZ(40.1798, 35.9958, 40.7153)

Have a look what the booklet for
XYZ(40.1798, 35.9958, 40.7153)
contains.

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Color

**XYZ(40.2950, 36.1680,
40.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	C396A6
RGB	195, 150, 166
RGB Percent	76%, 59%, 65%
CMY	0.2353, 0.4117, 0.3490
CMYK	0.00, 0.23, 0.15, 0.24
HSL	339°, 27%, 68%
HSV	339°, 23%, 76%
XYZ	40.2950, 36.1680, 40.9337
YIQ	165.2790, 21.6840, 14.5160

Conversions

Conversions Part 2

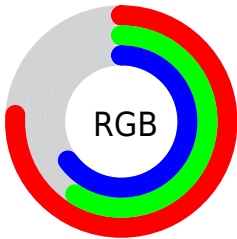
Format	Color
R_{YB}	195, 150, 166
Decimal	12818086
CIE _{Lab}	66.65, 19.37, -1.85
CIE _{LCh}	67, 19.460, 354.548
Yxy	36.1680, 0.3432, 0.3081
Android (android.graphics.Color)	4291008166 (0xFFC396A6)
YUV	165.2790, 0.3555, 26.0653
Hunter-Lab	60.1398, 14.3542, 1.7426

Details

The XYZ color **40.2950, 36.1680, 40.9337** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2310, 48.7699, 49.9434**, and the grayscale version is **35.8900, 37.7591, 41.1197**.

A 20% lighter version of the original color is **74.7889, 69.1016, 77.8028**, and **18.4836, 15.8013, 17.9954** is the 20% darker color. If you saturate the color by 10%, you get **36.3415, 30.0163, 34.2032**, and if you desaturate by 10%, it is **44.8811, 43.4036, 48.4317**.

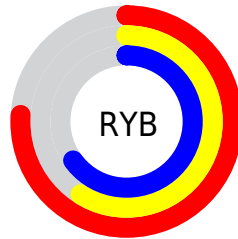
Distribution



Red (76%)

Green (59%)

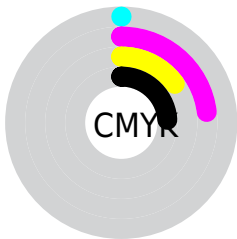
Blue (65%)



Red (76%)

Yellow (59%)

Blue (65%)

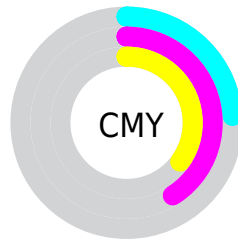


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2950, 36.1680, 40.9337 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 40.2950, 36.1680, 40.9337 by changing the saturation by 10% instead.


 40.2950, 36.1680,
40.9337


 40.2950, 36.1680,
40.9337


338.4785,
329.6942, 365.7119

 27.9539, 24.5640,
27.9480

 74.8940, 69.2913,
77.8358

 18.4312, 15.7525,
18.0477


 97.8826, 91.5793,
102.5893

 11.3615, 9.3492,
10.8145


125.1510,
118.1975, 132.1024

 6.3796, 4.9696,
5.8296

157.0647,
149.5302, 166.7937

 3.1201, 2.2295,
2.6746

193.9889,
185.9619, 207.0818

 1.2176, 0.7360,
0.9306

236.2890,

 0.1202, 0.0000,

227.8768, 253.3852

0.0000

284.3305,
275.6595, 306.1223

■ 0.0000, 0.0000,
0.0000

■ 40.2950, 36.1680,
40.9337

■ 40.2950, 36.1680,
40.9337

■ 36.3415, 30.0163,
34.2032

■ 44.8811, 43.4036,
48.4317

■ 32.9885, 24.8912,
28.2126

■ 50.1236, 51.7671,
56.7193

■ 30.2062, 20.7373,
22.9356

■ 56.0487, 61.3061,
65.8201

■ 27.9602, 17.4922,
18.3434

■ 62.6806, 72.0638,
75.7564

■ 26.2128, 15.0860,
14.4050

■ 70.0419, 84.0814,
86.5493

■ 24.9207, 13.4385,
11.0864

■ 74.2041, 89.4975,
96.9024

■ 24.0324, 12.4536,
8.3498

■ 76.1513, 90.2764,
107.1567

■ 23.5901, 12.0359,
6.7628

■ 76.3159, 90.3422,
108.0233

Harmonies

Analogous

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



39.1728, 36.1680, 49.4995



40.2950, 36.1680, 40.9337



39.7597, 36.1680, 33.0511

Triad

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



40.2950, 36.1680, 40.9337



32.0889, 36.1680, 26.4529



31.2115, 36.1680, 54.0395

Complementary

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



40.2950, 36.1680, 40.9337



40.2310, 48.7699, 49.9434

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.



29.5028, 36.1680, 46.4711



40.2950, 36.1680, 40.9337



29.9888, 36.1680, 30.7446

Square

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



40.2950, 36.1680, 40.9337



34.9146, 36.1680, 25.4045



29.0681, 36.1680, 37.8677



33.8441, 36.1680, 57.7238

Rectangle

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



40.2950, 36.1680, 40.9337



38.5497, 36.1680, 29.1126



29.0681, 36.1680, 37.8677



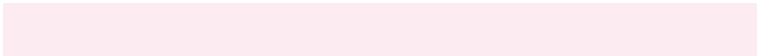
30.5161, 36.1680, 51.8175

Sweetspot

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



40.2960, 36.1696, 40.9345



85.8393, 86.4240, 95.4239



39.2331, 35.2789, 56.3720



18.6700, 18.7218, 20.6951



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.



40.2960, 36.1696, 40.9345



68.2371, 58.6386, 66.6848



39.9005, 37.5827, 34.0074



10.2178, 10.1357, 11.2375



15.3688, 7.8373, 4.5882



0.6971, 0.3518, 0.3721

Inverse Universe

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



40.2960, 36.1696, 40.9345



68.2371, 58.6386, 66.6848



40.6269, 46.8204, 58.5263



10.2178, 10.1357, 11.2375



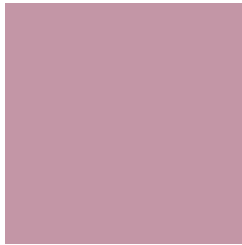
15.3688, 7.8373, 4.5882



0.6971, 0.3518, 0.3721

Previews

White Background



This preview shows how the XYZ color 40.2950, 36.1680, 40.9337 looks on a white background.

Color Contrast Check

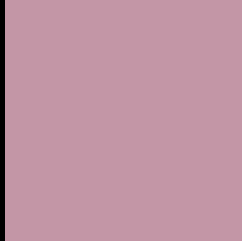
Large Text (above 18pt) WCAG AA × Fail

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 40.2950, 36.1680, 40.9337 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 40.2950, 36.1680, 40.9337

Background



This preview shows how black text looks on a background with the XYZ color 40.2950, 36.1680, 40.9337.



This preview shows how white text looks on a background with the XYZ color 40.2950, 36.1680,

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

40.2950, 36.1680, 40.9337

Protanopia

35.1880, 36.1883, 44.6656

Deuteranopia

36.9800, 36.1777, 40.6312



Tritanopia

40.0939, 36.3440, 39.0843

Trichromacy



Original Color

40.2950, 36.1680, 40.9337

Protanomaly

36.7682, 36.0149, 43.0439

Deuteranomaly

38.1143, 36.0182, 40.5407

Tritanomaly

40.1831, 36.3797, 39.5544

Monochromacy



Original Color

40.2950, 36.1680, 40.9337

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2668, 37.0883, 40.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2950, 36.1680, 40.9337 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(195, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 166)  
}
```

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(195, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.2950, 36.1680, 40.9337 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(195, 150, 166) }
```


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

```
.border{ border-color:rgb(195, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 150, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 150, 166); box-shadow:4px 4px 4px 4px rgb(195, 150, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2950, 36.1680, 40.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 166) }
```

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

```
.background{ background-color: rgb(195,  
150, 166) }
```

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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