

Converting Colors

XYZ(40.5963, 37.1548, 36.0423)

Have a look what the booklet for
XYZ(40.5963, 37.1548, 36.0423)
contains.

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Color

**XYZ(40.5963, 37.1548,
36.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	C6999B
RGB	198, 153, 155
RGB Percent	78%, 60%, 61%
CMY	0.2235, 0.4000, 0.3922
CMYK	0.00, 0.23, 0.22, 0.22
HSL	357°, 28%, 69%
HSV	357°, 23%, 78%
XYZ	40.5963, 37.1548, 36.0423
YIQ	166.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

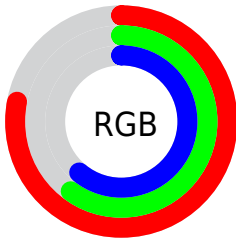
Format	Color
RYB	198, 153, 155
Decimal	13015451
CIELab	67.39, 17.09, 5.43
CIELCh	67, 17.936, 17.624
Yxy	37.1548, 0.3568, 0.3265
Android (android.graphics.Color)	4291205531 (0xFFC6999B)
YUV	166.6830, -5.7597, 27.4650
Hunter-Lab	60.9547, 12.2115, 7.6104

Details

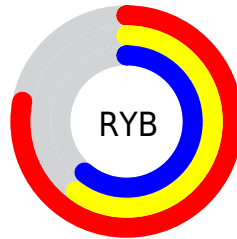
The XYZ color **40.5963, 37.1548, 36.0423** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2962, 51.1468, 59.8174**, and the grayscale version is **36.5955, 38.5013, 41.9279**.

A 20% lighter version of the original color is **75.3045, 70.9752, 70.0522**, and **18.5778, 16.3419, 15.2718** is the 20% darker color. If you saturate the color by 10%, you get **36.1540, 30.6169, 27.3263**, and if you desaturate by 10%, it is **45.8274, 44.8712, 46.2506**.

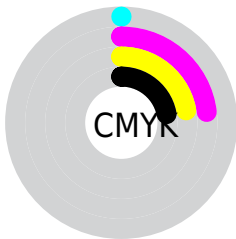
Distribution



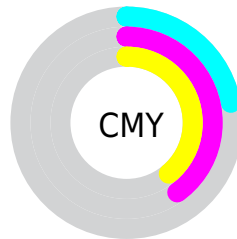
- Red (78%)
- Green (60%)
- Blue (61%)



- Red (78%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5963, 37.1548, 36.0423 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 40.5963, 37.1548, 36.0423 by changing the saturation by 10% instead.


 40.5963, 37.1548,
36.0423


 40.5963, 37.1548,
36.0423

339.7220,
333.9802, 344.1884

 28.1901, 25.3274,
24.1769


 75.3493, 70.8108,
70.2671

 18.6102, 16.3211,
15.2515


 98.4267, 93.4082,
93.4637

 11.4913, 9.7517,
8.8475

125.7919,
120.3643, 121.2743

 6.4680, 5.2346,
4.5464

157.8102,
152.0636, 154.1176

 3.1750, 2.3856,
1.9296

194.8471,
188.8904, 192.4122

 1.2470, 0.8185,
0.5115

237.2677,

 0.1430, 0.0000,

231.2292, 236.5764

0.0000

285.4376,
279.4644, 287.0290

■ 0.0000, 0.0000,
0.0000

■ 40.5963, 37.1548,
36.0423

■ 40.5963, 37.1548,
36.0423

■ 36.1540, 30.6169,
27.3263

■ 45.8274, 44.8712,
46.2506

■ 32.4594, 25.1947,
20.0306

■ 51.8798, 53.8147,
58.0140

■ 29.4722, 20.8274,
14.0806

■ 58.7878, 64.0372,
71.3947

■ 27.1473, 17.4465,
9.3940

■ 66.5829, 75.5865,
86.4506

■ 25.4342, 14.9750,
5.8796

■ 75.2949, 88.5075,
103.2368

■ 24.2752, 13.3250,
3.4337

■ 77.0988, 90.7458,
108.0599

■ 23.6015, 12.3909,
1.9349

■ 23.3369, 12.0251,
1.3433

Harmonies

Analogous

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



40.7339, 37.1548, 43.7878



40.5963, 37.1548, 36.0423



38.9988, 37.1548, 30.2698

Triad

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



40.5963, 37.1548, 36.0423



31.5514, 37.1548, 31.0848



34.1935, 37.1548, 57.1187

Complementary

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



40.5963, 37.1548, 36.0423



43.2962, 51.1468, 59.8174

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.



31.8699, 37.1548, 52.7022



40.5963, 37.1548, 36.0423



30.3985, 37.1548, 37.2963

Square

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



40.5963, 37.1548, 36.0423



33.7380, 37.1548, 27.6733



30.5120, 37.1548, 45.2145



36.9394, 37.1548, 56.6683

Rectangle

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



40.5963, 37.1548, 36.0423



37.3655, 37.1548, 28.0080



30.5120, 37.1548, 45.2145



33.3400, 37.1548, 56.1325

Sweetspot

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



40.5973, 37.1565, 36.0431



86.9917, 88.0849, 93.2613



44.2852, 38.5637, 58.5357



18.4787, 18.6452, 19.6875



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.



40.5973, 37.1565, 36.0431



68.0380, 60.1241, 56.2796



44.0311, 44.2901, 36.3673



10.6526, 10.6444, 11.1540



15.1849, 7.8235, 0.9177



0.7258, 0.3732, 0.0793

Inverse Universe

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



40.5973, 37.1565, 36.0431



68.0380, 60.1241, 56.2796



39.2021, 42.5924, 59.5812



10.6526, 10.6444, 11.1540



15.1849, 7.8235, 0.9177



0.7258, 0.3732, 0.0793

Previews

White Background



This preview shows how the XYZ color 40.5963, 37.1548, 36.0423 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 40.5963, 37.1548, 36.0423 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 40.5963, 37.1548, 36.0423

Background



This preview shows how black text looks on a background with the XYZ color 40.5963, 37.1548, 36.0423.



This preview shows how white text looks on a background with the XYZ color 40.5963, 37.1548,

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

40.5963, 37.1548, 36.0423

Protanopia

35.8569, 37.4490, 39.0567

Deuteranopia

37.9980, 37.3197, 35.7726



Tritanopia

41.3923, 37.2429, 39.6573

Trichromacy



Original Color

40.5963, 37.1548, 36.0423

Protanomaly

37.4192, 37.2285, 38.0145

Deuteranomaly

38.8760, 37.2659, 35.7159

Tritanomaly

41.1266, 37.1367, 38.2582

Monochromacy



Original Color

40.5963, 37.1548, 36.0423

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8913, 37.9500, 39.9783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5963, 37.1548, 36.0423 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(198, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 155)  
}
```

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(198, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.5963, 37.1548, 36.0423 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(198, 153, 155) }
```


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

```
.border{ border-color:rgb(198, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5963, 37.1548, 36.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 155) }
```

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

```
.background{ background-color: rgb(198,  
153, 155) }
```

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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