

Converting Colors

XYZ(40.5013, 37.0563, 38.2756)

Have a look what the booklet for
XYZ(40.5013, 37.0563, 38.2756)
contains.

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Color

**XYZ(40.5013, 37.0563,
38.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	C499A0
RGB	196, 153, 160
RGB Percent	77%, 60%, 63%
CMY	0.2314, 0.4000, 0.3725
CMYK	0.00, 0.22, 0.18, 0.23
HSL	350°, 27%, 68%
HSV	350°, 22%, 77%
XYZ	40.5013, 37.0563, 38.2756
YIQ	166.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

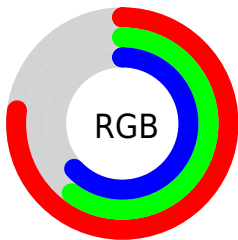
Format	Color
RYB	196, 153, 160
Decimal	12884384
CIELab	67.32, 17.12, 2.50
CIElCh	67, 17.301, 8.318
Yxy	37.0563, 0.3497, 0.3199
Android (android.graphics.Color)	4291074464 (0xFFC499A0)
YUV	166.6550, -3.2809, 25.7356
Hunter-Lab	60.8739, 12.2323, 5.3320

Details

The XYZ color **40.5013, 37.0563, 38.2756** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0636, 49.9271, 55.5665**, and the grayscale version is **36.5711, 38.4757, 41.9000**.

A 20% lighter version of the original color is **75.3296, 70.9007, 74.0049**, and **18.6670, 16.3577, 16.6415** is the 20% darker color. If you saturate the color by 10%, you get **36.2109, 30.6231, 30.2240**, and if you desaturate by 10%, it is **45.5103, 44.6226, 47.5026**.

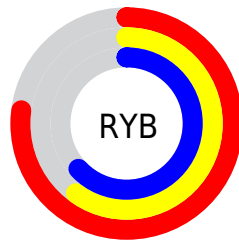
Distribution



Red (77%)

Green (60%)

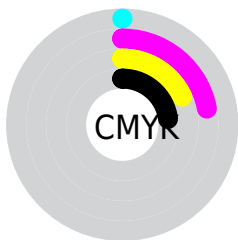
Blue (63%)



Red (77%)

Yellow (60%)

Blue (63%)

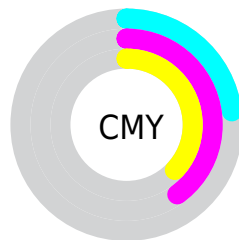


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5013, 37.0563, 38.2756 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 40.5013, 37.0563, 38.2756 by changing the saturation by 10% instead.


 40.5013, 37.0563,
38.2756


 40.5013, 37.0563,
38.2756

339.3303,
333.5542, 354.1343

 28.1156, 25.2511,
25.8932


 75.2058, 70.6594,
73.7385

 18.5537, 16.2642,
16.5187


 98.2552, 93.2260,
97.6560

 11.4503, 9.7113,
9.7336

125.5899,
120.1486, 126.2556

 6.4401, 5.2080,
5.1194

157.5753,
151.8115, 159.9559

 3.1577, 2.3698,
2.2575

194.5767,
188.5991, 199.1754

 1.2377, 0.8103,
0.7073

236.9594,

 0.1358, 0.0000,

230.8958, 244.3326

0.0000

285.0888,
279.0861, 295.8460

■ 0.0000, 0.0000,
0.0000

■ 40.5013, 37.0563,
38.2756

■ 40.5013, 37.0563,
38.2756

■ 36.2109, 30.6231,
30.2240

■ 45.5103, 44.6226,
47.5026

■ 32.6028, 25.2634,
23.2980

■ 51.2656, 53.3675,
57.9473

■ 29.6425, 20.9203,
17.4479

■ 57.7974, 63.3404,
69.6529

■ 27.2909, 17.5291,
12.6191

■ 65.1331, 74.5861,
82.6594

■ 25.5047, 15.0179,
8.7523

■ 73.2991, 87.1475,
97.0055

■ 24.2349, 13.3046,
5.7817

■ 76.5750, 90.4758,
108.0354

■ 23.4235, 12.2911,
3.6332

■ 23.0243, 11.8395,
2.4306

Harmonies

Analogous

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



40.1657, 37.0563, 45.9769



40.5013, 37.0563, 38.2756



39.3673, 37.0563, 31.9676

Triad

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



40.5013, 37.0563, 38.2756



32.1582, 37.0563, 29.9574



33.3736, 37.0563, 55.4667

Complementary

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



40.5013, 37.0563, 38.2756



42.0636, 49.9271, 55.5665

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.



31.3764, 37.0563, 50.0782



40.5013, 37.0563, 38.2756



30.6995, 37.0563, 35.1984

Square

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



40.5013, 37.0563, 38.2756



34.4896, 37.0563, 27.5744



30.4206, 37.0563, 42.4939



35.9624, 37.0563, 56.5593

Rectangle

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



40.5013, 37.0563, 38.2756



37.9624, 37.0563, 29.1707



30.4206, 37.0563, 42.4939



32.6147, 37.0563, 54.0680

Sweetspot

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



40.5023, 37.0580, 38.2764



87.3039, 88.2098, 94.9053



42.3011, 37.5673, 57.2465



18.5507, 18.6741, 20.0668



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.



40.5023, 37.0580, 38.2764



69.7387, 61.6725, 62.5588



42.3957, 41.7969, 35.9722



10.1386, 10.1040, 10.8202



14.8155, 7.6160, 1.6747



0.6616, 0.3376, 0.1852

Inverse Universe

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



40.5023, 37.0580, 38.2764



69.7387, 61.6725, 62.5588



39.7618, 44.0786, 58.6371



10.1386, 10.1040, 10.8202



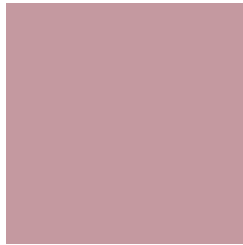
14.8155, 7.6160, 1.6747



0.6616, 0.3376, 0.1852

Previews

White Background



This preview shows how the XYZ color 40.5013, 37.0563, 38.2756 looks on a white background.

Color Contrast Check

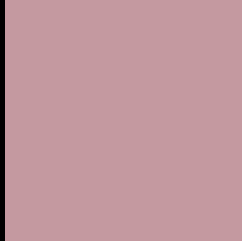
Large Text (above 18pt) WCAG AA × Fail

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 40.5013, 37.0563, 38.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

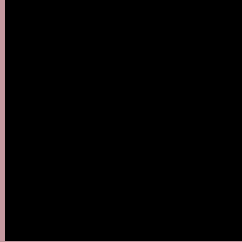
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5013, 37.0563, 38.2756

Background



This preview shows how black text looks on a background with the XYZ color 40.5013, 37.0563, 38.2756.



This preview shows how white text looks on a background with the XYZ color 40.5013, 37.0563,

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

40.5013, 37.0563, 38.2756

Protanopia

35.7060, 37.0546, 41.3467

Deuteranopia

37.9475, 37.2446, 37.9898



Tritanopia

40.6940, 36.8726, 40.0943

Trichromacy



Original Color

40.5013, 37.0563, 38.2756

Protanomaly

37.2304, 36.8237, 40.2674

Deuteranomaly

38.8085, 37.1819, 37.9323

Tritanomaly

40.6040, 36.8366, 39.6204

Monochromacy



Original Color

40.5013, 37.0563, 38.2756

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.9813, 37.9860, 40.4522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5013, 37.0563, 38.2756 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(196, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 153, 160)  
}
```

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(196, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 153, 160) }
```

Border

The CSS property to change the border of an element to XYZ 40.5013, 37.0563, 38.2756 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(196, 153, 160) }
```


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

```
.border{ border-color:rgb(196, 153, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 153, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(196, 153,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5013, 37.0563, 38.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 153, 160) }
```

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

```
.background{ background-color: rgb(196,  
153, 160) }
```

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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