

Converting Colors

XYZ(37.5159, 37.1681, 39.8030)

Have a look what the booklet for
XYZ(37.5159, 37.1681, 39.8030)
contains.

XYZ(37.5418, 37.2509, 39.8618)	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(37.5418, 37.2509,
39.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A0A3
RGB	178, 160, 163
RGB Percent	70%, 63%, 64%
CMY	0.3020, 0.3725, 0.3608
CMYK	0.00, 0.10, 0.08, 0.30
HSL	350°, 10%, 66%
HSV	350°, 10%, 70%
XYZ	37.5418, 37.2509, 39.8618
YIQ	165.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

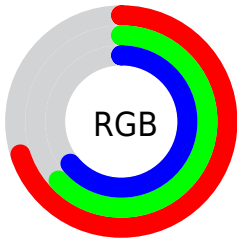
Format	Color
RYB	178, 160, 163
Decimal	11706531
CIELab	67.46, 7.09, 0.83
CIELCh	67, 7.142, 6.677
Yxy	37.2509, 0.3274, 0.3249
Android (android.graphics.Color)	4289896611 (0xFFB2A0A3)
YUV	165.7240, -1.3429, 10.7661
Hunter-Lab	61.0335, 2.9869, 4.0004

Details

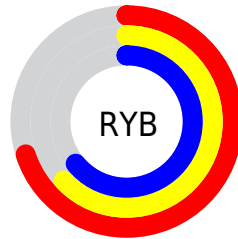
The XYZ color **37.5418, 37.2509, 39.8618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1569, 42.4106, 46.7346**, and the grayscale version is **36.1161, 37.9970, 41.3787**.

A 20% lighter version of the original color is **70.8870, 71.1553, 76.3279**, and **16.7953, 16.4449, 17.3279** is the 20% darker color. If you saturate the color by 10%, you get **33.4221, 31.0152, 32.3106**, and if you desaturate by 10%, it is **42.2614, 44.4359, 48.3833**.

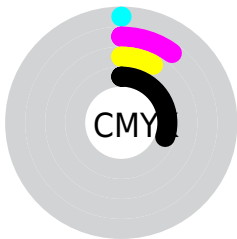
Distribution



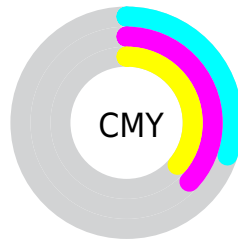
- Red (70%)
- Green (63%)
- Blue (64%)



- Red (70%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (30%)





- Cyan (30%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5418, 37.2509, 39.8618 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 37.5418, 37.2509, 39.8618 by changing the saturation by 10% instead.


 37.5418, 37.2509,
39.8618


 37.5418, 37.2509,
39.8618


326.9653,
334.3955, 361.0755

 25.8029, 25.4018,
27.1178

 70.7137, 70.9585,
76.1878

 16.8081, 16.3767,
17.4285


 92.8774, 93.5858,
100.6069

 10.1922, 9.7911,
10.3753


119.2468,
120.5746, 129.7549

 5.5898, 5.2607,
5.5397

150.1871,
152.3094, 164.0501

 2.6356, 2.4010,
2.5030

186.0637,
189.1745, 203.9113

 0.9641, 0.8264,
0.8418

227.2421,

 0.0000, 0.0000,

231.5542, 249.7569

0.0000

274.0875,
279.8331, 302.0054

■ 37.5418, 37.2509,
39.8618

■ 37.5418, 37.2509,
39.8618

■ 33.4221, 31.0152,
32.3106

■ 42.2614, 44.4359,
48.3833

■ 29.8752, 25.6844,
25.6928

■ 47.6003, 52.6024,
57.9055

■ 26.8763, 21.2178,
19.9726

■ 53.5813, 61.7873,
68.4603

■ 24.3978, 17.5698,
15.1111

■ 60.2247, 72.0240,
80.0776

■ 22.4095, 14.6903,
11.0664

■ 67.5500, 83.3444,
92.7860

■ 20.8783, 12.5241,
7.7930

■ 71.6937, 88.0144,
105.3190

■ 19.7666, 11.0084,
5.2411

■ 72.1704, 88.2051,
107.8293

■ 19.0308, 10.0692,
3.3544

■ 18.5902, 9.5570,
2.0694

Harmonies

Analogous

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



37.3777, 37.2509, 42.9982



37.5418, 37.2509, 39.8618



37.1241, 37.2509, 37.0586

Triad

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



37.5418, 37.2509, 39.8618



34.1612, 37.2509, 35.9067



34.5775, 37.2509, 46.3621

Complementary

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



37.5418, 37.2509, 39.8618



38.1569, 42.4106, 46.7346

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.



33.7415, 37.2509, 44.2750



37.5418, 37.2509, 39.8618



33.5046, 37.2509, 38.2156

Square

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



37.5418, 37.2509, 39.8618



35.1613, 37.2509, 34.8526



33.3525, 37.2509, 41.2661



35.6516, 37.2509, 46.8585

Rectangle

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



37.5418, 37.2509, 39.8618



36.5770, 37.2509, 35.7201



33.3525, 37.2509, 41.2661



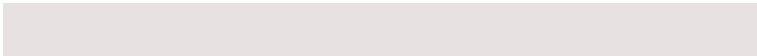
34.2600, 37.2509, 45.8182

Sweetspot

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



37.5428, 37.2525, 39.8626



74.0056, 76.5671, 83.0083



38.2871, 37.4716, 47.3349



16.2406, 16.7267, 18.1106



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5428, 37.2525, 39.8626



66.4253, 65.0425, 69.2720



38.3427, 39.2769, 38.8199



8.5522, 8.5276, 9.1403



13.3175, 6.8446, 1.5662



0.4366, 0.2224, 0.1419

Inverse Universe

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



37.5428, 37.2525, 39.8626



66.4253, 65.0425, 69.2720



37.2870, 40.1943, 47.9131



8.5522, 8.5276, 9.1403



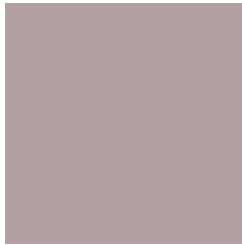
13.3175, 6.8446, 1.5662



0.4366, 0.2224, 0.1419

Previews

White Background



This preview shows how the XYZ color 37.5418, 37.2509, 39.8618 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 37.5418, 37.2509, 39.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

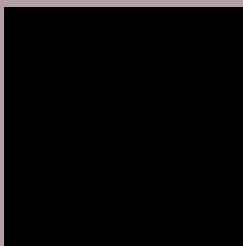
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5418, 37.2509, 39.8618

Background



This preview shows how black text looks on a background with the XYZ color 37.5418, 37.2509, 39.8618.



This preview shows how white text looks on a background with the XYZ color 37.5418, 37.2509,

39.8618.

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

37.5418, 37.2509, 39.8618

Protanopia

36.0033, 37.4830, 40.9347

Deuteranopia

38.0651, 37.2644, 39.8368



Tritanopia

38.3392, 37.3203, 43.7109

Trichromacy



Original Color

37.5418, 37.2509, 39.8618

Protanomaly

36.5926, 37.5326, 40.4378

Deuteranomaly

37.8314, 37.1439, 39.8259

Tritanomaly

38.0564, 37.2071, 42.2217

Monochromacy



Original Color

37.5418, 37.2509, 39.8618

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6446, 37.8136, 40.9647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5418, 37.2509, 39.8618 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(178, 160, 163) looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 163)  
}
```

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(178, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.5418, 37.2509, 39.8618 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(178, 160, 163) }
```


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

```
.border{ border-color:rgb(178, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5418, 37.2509, 39.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 163) }
```

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

```
.background{ background-color: rgb(178,  
160, 163) }
```

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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