

Converting Colors

XYZ(37.5132, 39.7261, 48.8708)

Have a look what the booklet for
XYZ(37.5132, 39.7261, 48.8708)
contains.

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Color

**XYZ(37.5132, 39.7261,
48.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AAB4
RGB	162, 170, 180
RGB Percent	64%, 67%, 71%
CMY	0.3647, 0.3333, 0.2941
CMYK	0.10, 0.06, 0.00, 0.29
HSL	213°, 11%, 67%
HSV	213°, 10%, 71%
XYZ	37.5132, 39.7261, 48.8708
YIQ	168.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

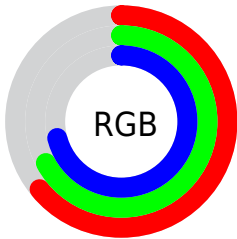
Format	Color
R_{YB}	162, 168, 180
Decimal	10660532
CIE Lab	69.27, -0.80, -6.11
CIE LCh	69, 6.158, 262.558
Yxy	39.7261, 0.2975, 0.3150
Android (android.graphics.Color)	4288850612 (0xFFA2AAB4)
YUV	168.7480, 5.5472, -5.9180
Hunter-Lab	63.0286, -4.0610, -1.8519

Details

The XYZ color **37.5132, 39.7261, 48.8708** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0967, 41.8167, 40.1411**, and the grayscale version is **37.5648, 39.5211, 43.0385**.

A 20% lighter version of the original color is **70.6808, 74.6583, 90.0421**, and **16.7396, 17.8042, 22.6329** is the 20% darker color. If you saturate the color by 10%, you get **32.3121, 34.3686, 48.1114**, and if you desaturate by 10%, it is **43.3826, 45.6419, 49.7039**.

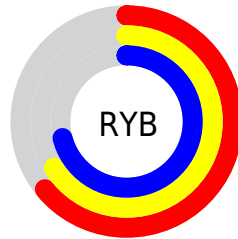
Distribution



Red (64%)

Green (67%)

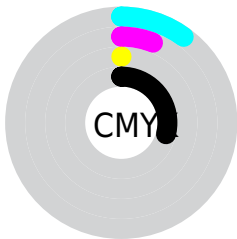
Blue (71%)



Red (64%)

Yellow (66%)

Blue (71%)

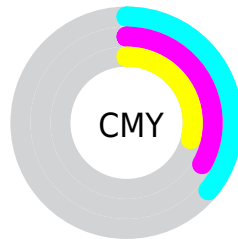


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5132, 39.7261, 48.8708 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 37.5132, 39.7261, 48.8708 by changing the saturation by 10% instead.

■ 37.5132, 39.7261,
48.8708

■ 37.5132, 39.7261,
48.8708

326.8442,
344.9678, 398.8413

■ 25.7806, 27.3251,
34.1521

■ 70.6701, 74.7462,
89.8785

■ 16.7914, 17.8175,
22.7322

■ 92.8251, 98.1341,
117.0047

■ 10.1802, 10.8190,
14.1924

119.1849,
125.9531, 149.1037

■ 5.5818, 5.9453,
8.1144

150.1150,
158.5875, 186.5942

■ 2.6307, 2.8118,
4.0794

185.9806,
196.4218, 229.8946

■ 0.9616, 1.0343,
1.6690

227.1471,

■ 0.0000, 0.0000,

239.8404, 279.4236

0.3394

273.9798,
289.2275, 335.5997

■ 0.0000, 0.0000,
0.0000

■ 37.5132, 39.7261,
48.8708

■ 37.5132, 39.7261,
48.8708

■ 32.3121, 34.3686,
48.1114

■ 43.3826, 45.6419,
49.7039

■ 27.7505, 29.5466,
47.4211

■ 49.9407, 52.1277,
50.6102

■ 23.8026, 25.2431,
46.7985

■ 57.2112, 59.2014,
51.5923

■ 20.4394, 21.4380,
46.2414

■ 65.2157, 66.8782,
52.6522

■ 17.6293, 18.1100,
45.7471

■ 73.9748, 75.1729,
53.7916

■ 15.3377, 15.2356,
45.3131

■ 77.7720, 81.1427,
54.7437

■ 13.5252, 12.7889,
44.9363

■ 80.6344, 86.8674,
55.6979

■ 12.1460, 10.7403,
44.6136

■ 83.6589, 92.9164,
56.7060

■ 11.1090, 9.0366,
44.3394

■ 85.2383, 96.0753,
57.2325

Harmonies

Analogous

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



36.6165, 39.7261, 47.7150



37.5132, 39.7261, 48.8708



38.4911, 39.7261, 48.4705

Triad

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



37.5132, 39.7261, 48.8708



39.5382, 39.7261, 41.2035



36.2718, 39.7261, 40.0343

Complementary

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



37.5132, 39.7261, 48.8708



40.0967, 41.8167, 40.1411

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.



37.0352, 39.7261, 38.4277



37.5132, 39.7261, 48.8708



38.9240, 39.7261, 39.0819

Square

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



37.5132, 39.7261, 48.8708



39.6716, 39.7261, 43.9627



38.0048, 39.7261, 38.0867



35.9079, 39.7261, 42.5548

Rectangle

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



37.5132, 39.7261, 48.8708



39.0565, 39.7261, 47.3829



38.0048, 39.7261, 38.0867



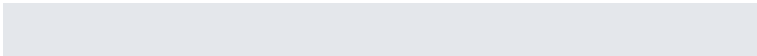
36.4895, 39.7261, 39.3740

Sweetspot

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



37.5144, 39.7278, 48.8717



75.2833, 79.3765, 89.6480



38.6590, 43.2993, 45.3001



16.0842, 16.9680, 19.3497



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.



37.5144, 39.7278, 48.8717



65.8380, 69.8054, 88.2984



36.2430, 36.9126, 48.3953



8.3426, 8.8314, 10.7712



7.8182, 6.4368, 30.9674



0.3045, 0.3195, 0.9939

Inverse Universe

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



38.9993, 38.4470, 43.3977



69.0898, 67.0654, 76.2965



41.4570, 44.8475, 40.6544



8.6481, 8.5660, 9.6454



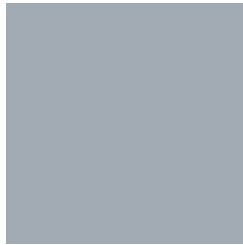
14.1809, 7.1899, 6.1128



0.4757, 0.2380, 0.3478

Previews

White Background



This preview shows how the XYZ color 37.5132, 39.7261, 48.8708 looks on a white background.

Color Contrast Check

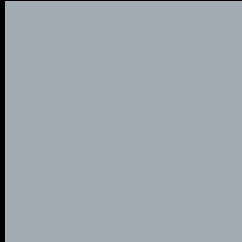
Large Text (above 18pt) WCAG AA × Fail

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 37.5132, 39.7261, 48.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

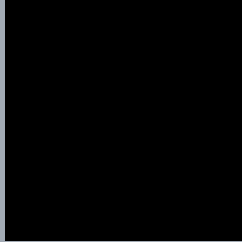
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

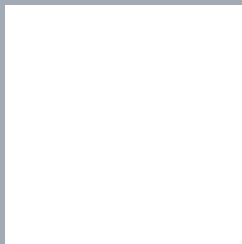
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5132, 39.7261, 48.8708

Background



This preview shows how black text looks on a background with the XYZ color 37.5132, 39.7261, 48.8708.

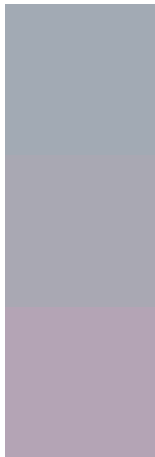


This preview shows how white text looks on a background with the XYZ color 37.5132, 39.7261,

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

37.5132, 39.7261, 48.8708

Protanopia

38.5015, 39.6950, 48.2805

Deuteranopia

40.4383, 39.5904, 49.2264



Tritanopia

38.0262, 39.9549, 50.5076

Trichromacy



Original Color

37.5132, 39.7261, 48.8708

Protanomaly

38.0505, 39.7376, 48.3125

Deuteranomaly

39.2103, 39.4929, 49.2723

Tritanomaly

37.9225, 39.9134, 49.9613

Monochromacy



Original Color

37.5132, 39.7261, 48.8708

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4567, 39.5001, 45.1853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5132, 39.7261, 48.8708 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(162, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 180)  
}
```

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(162, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 180) }
```

Border

The CSS property to change the border of an element to XYZ 37.5132, 39.7261, 48.8708 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(162, 170, 180) }
```


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

```
.border{ border-color:rgb(162, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5132, 39.7261, 48.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 180) }
```

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

```
.background{ background-color: rgb(162,  
170, 180) }
```

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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