

Converting Colors

XYZ(38.0101, 39.2938, 54.9733)

Have a look what the booklet for
XYZ(38.0101, 39.2938, 54.9733)
contains.

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Color

**XYZ(37.9038, 39.2404,
54.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A8BF
RGB	160, 168, 191
RGB Percent	63%, 66%, 75%
CMY	0.3725, 0.3412, 0.2510
CMYK	0.16, 0.12, 0.00, 0.25
HSL	225°, 19%, 69%
HSV	225°, 16%, 75%
XYZ	37.9038, 39.2404, 54.8666
YIQ	168.2300, -12.1510, 5.4570

Conversions

Conversions Part 2

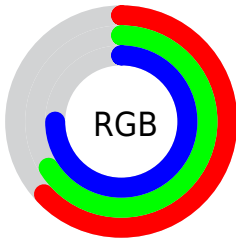
Format	Color
RYB	160, 166, 191
Decimal	10528959
CIELab	68.93, 1.98, -12.73
CIElCh	69, 12.882, 278.819
Yxy	39.2404, 0.2871, 0.2973
Android (android.graphics.Color)	4288719039 (0xFFA0A8BF)
YUV	168.2300, 11.2256, -7.2177
Hunter-Lab	62.6422, -1.6162, -8.0810

Details

The XYZ color **37.9038, 39.2404, 54.8666** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7648, 47.4814, 40.0641**, and the grayscale version is **37.2842, 39.2259, 42.7170**.

A 20% lighter version of the original color is **71.2005, 73.9378, 98.5144**, and **17.0172, 17.5139, 26.5284** is the 20% darker color. If you saturate the color by 10%, you get **31.9001, 32.4721, 53.8772**, and if you desaturate by 10%, it is **44.7816, 46.8845, 55.9802**.

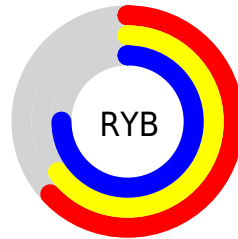
Distribution



Red (63%)

Green (66%)

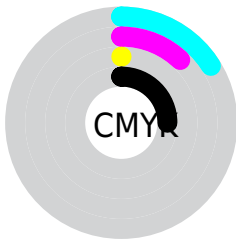
Blue (75%)



Red (63%)

Yellow (65%)

Blue (75%)

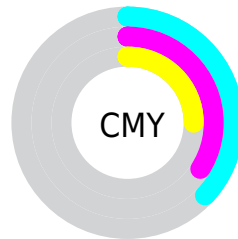


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9038, 39.2404, 54.8666 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 37.9038, 39.2404, 54.8666 by changing the saturation by 10% instead.

■ 37.9038, 39.2404,
54.8666

■ 37.9038, 39.2404,
54.8666

328.4951,
342.9115, 422.6737

■ 26.0849, 26.9468,
38.8970

■ 71.2655, 74.0054,
98.8147

■ 17.0202, 17.5333,
26.3724

■ 93.5390, 97.2456,
127.6303

■ 10.3443, 10.6154,
16.8742

120.0282,
124.9035, 161.5650

■ 5.6918, 5.8089,
9.9838

151.0982,
157.3634, 201.0373

■ 2.6975, 2.7292,
5.2828

187.1146,
195.0098, 246.4658

■ 0.9959, 0.9921,
2.3525

228.4427,

■ 0.0000, 0.0000,

238.2270, 298.2690

0.7604

275.4477,
287.3994, 356.8655

■ 0.0000, 0.0000,
0.0000

■ 37.9038, 39.2404,
54.8666

■ 37.9038, 39.2404,
54.8666

■ 31.9001, 32.4721,
53.8772

■ 44.7816, 46.8845,
55.9802

■ 26.7311, 26.5428,
53.0052

■ 52.5636, 55.4299,
57.2195

■ 22.3597, 21.4202,
52.2468

■ 61.2828, 64.9068,
58.5891

■ 18.7445, 17.0678,
51.5973

■ 70.9696, 75.3428,
60.0929

■ 15.8401, 13.4464,
51.0514

■ 81.4676, 86.6686,
61.7257

■ 13.5961, 10.5128,
50.6034

■ 85.7766, 95.2867,
63.1621

■ 11.9545, 8.2187,
50.2471

■ 86.4041, 96.5416,
63.3712

■ 10.8436, 6.5068,
49.9752

■ 10.5151, 5.9836,
49.8916

Harmonies

Analogous

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



35.8922, 39.2404, 54.1275



37.9038, 39.2404, 54.8666



39.8200, 39.2404, 52.1283

Triad

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



37.9038, 39.2404, 54.8666



40.4496, 39.2404, 36.0397



33.7444, 39.2404, 38.7798

Complementary

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



37.9038, 39.2404, 54.8666



44.7648, 47.4814, 40.0641

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.



34.8825, 39.2404, 34.5285



37.9038, 39.2404, 54.8666



38.7377, 39.2404, 33.0500

Square

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



37.9038, 39.2404, 54.8666



41.3247, 39.2404, 41.0204



36.6964, 39.2404, 32.5233



33.5395, 39.2404, 44.4785

Rectangle

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



37.9038, 39.2404, 54.8666



40.7680, 39.2404, 48.8346



36.6964, 39.2404, 32.5233



34.0285, 39.2404, 37.1495

Sweetspot

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



37.9050, 39.2420, 54.8675



81.7232, 85.6472, 100.5034



41.6483, 48.1437, 51.7526



17.7387, 18.5790, 22.0365



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.9050, 39.2420, 54.8675



64.4213, 66.3947, 97.6992



37.9613, 37.1451, 54.4598



9.2114, 9.6150, 12.0426



6.9665, 4.0448, 32.8064



0.3278, 0.2683, 1.3034

Inverse Universe

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



41.1255, 39.0461, 42.4167



71.1625, 66.0883, 71.6139



44.6880, 49.9619, 40.5469



9.6285, 9.5757, 10.4329



14.5172, 7.4380, 2.7510



0.5964, 0.3024, 0.2538

Previews

White Background



This preview shows how the XYZ color 37.9038, 39.2404, 54.8666 looks on a white background.

Color Contrast Check

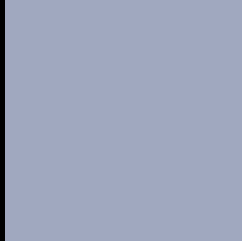
Large Text (above 18pt) WCAG AA × Fail

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 37.9038, 39.2404, 54.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

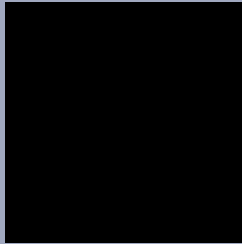
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

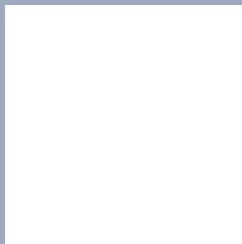
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9038, 39.2404, 54.8666

Background



This preview shows how black text looks on a background with the XYZ color 37.9038, 39.2404, 54.8666.

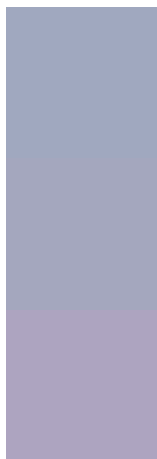


This preview shows how white text looks on a background with the XYZ color 37.9038, 39.2404,

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

37.9038, 39.2404, 54.8666

Protanopia

38.4228, 39.2477, 54.2657

Deuteranopia

40.0235, 39.2409, 55.3340



Tritanopia

37.0333, 39.1658, 50.4076

Trichromacy



Original Color

37.9038, 39.2404, 54.8666

Protanomaly

38.2172, 39.1417, 54.2560

Deuteranomaly

39.1180, 39.0409, 55.3431

Tritanomaly

37.3490, 39.2920, 52.0700

Monochromacy



Original Color

37.9038, 39.2404, 54.8666

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3562, 39.1392, 46.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9038, 39.2404, 54.8666 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(160, 168, 191)` looks like.

```
.text, #text, p{  
    color:rgb(160, 168, 191)  
}
```

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(160, 168, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 168, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.9038, 39.2404, 54.8666 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(160, 168, 191) }
```


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

```
.border{ border-color:rgb(160, 168, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 168, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 168, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 168, 191);  
box-shadow:4px 4px 4px 4px rgb(160, 168,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9038, 39.2404, 54.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 168, 191) }
```

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

```
.background{ background-color: rgb(160,  
168, 191) }
```

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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