

Converting Colors

XYZ(38.4107, 37.9088, 54.0086)

Have a look what the booklet for
XYZ(38.4107, 37.9088, 54.0086)
contains.

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Color

**XYZ(38.3630, 37.8832,
54.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A2BE
RGB	168, 162, 190
RGB Percent	66%, 64%, 75%
CMY	0.3412, 0.3647, 0.2549
CMYK	0.12, 0.15, 0.00, 0.25
HSL	253°, 18%, 69%
HSV	253°, 15%, 75%
XYZ	38.3630, 37.8832, 54.0054
YIQ	166.9860, -5.4120, 9.9800

Conversions

Conversions Part 2

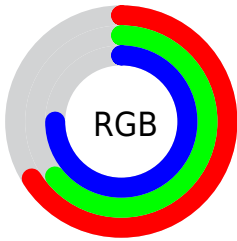
Format	Color
RYB	168, 162, 190
Decimal	11051710
CIELab	67.93, 7.73, -13.60
CIELCh	68, 15.641, 299.597
Yxy	37.8832, 0.2945, 0.2908
Android (android.graphics.Color)	4289241790 (0xFFA8A2BE)
YUV	166.9860, 11.3459, 0.8893
Hunter-Lab	61.5493, 3.5457, -8.9385

Details

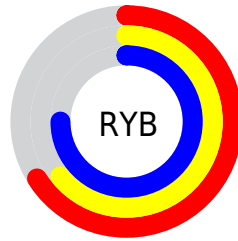
The XYZ color **38.3630, 37.8832, 54.0054** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.7036, 49.6269, 41.4071**, and the grayscale version is **36.6731, 38.5830, 42.0168**.

A 20% lighter version of the original color is **71.8788, 71.9675, 97.2915**, and **17.2937, 16.6710, 25.9733** is the 20% darker color. If you saturate the color by 10%, you get **32.2678, 30.1431, 52.8333**, and if you desaturate by 10%, it is **45.3312, 46.8260, 55.3649**.

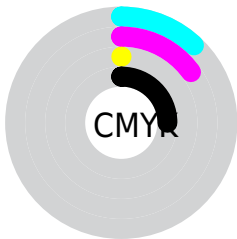
Distribution



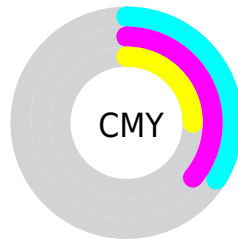
- Red (66%)
- Green (64%)
- Blue (75%)



- Red (66%)
- Yellow (64%)
- Blue (75%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3630, 37.8832, 54.0054 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 38.3630, 37.8832, 54.0054 by changing the saturation by 10% instead.

■ 38.3630, 37.8832,
54.0054

■ 38.3630, 37.8832,
54.0054

330.4286,
337.1187, 419.3058

■ 26.4430, 25.8920,
38.2128

■ 71.9645, 71.9291,
97.5387

■ 17.2898, 16.7429,
25.8448

■ 94.3767, 94.7526,
126.1164

■ 10.5379, 10.0514,
16.4828

121.0171,
121.9557, 159.7929

■ 5.8220, 5.4330,
9.7084

152.2510,
153.9228, 198.9867

■ 2.7768, 2.5035,
5.1030

188.4437,
191.0382, 244.1163

■ 1.0369, 0.8784,
2.2480

229.9607,

■ 0.0000, 0.0000,

233.6864, 295.6004

0.7019

277.1672,
282.2518, 353.8573

■ 0.0000, 0.0000,
0.0000

■ 38.3630, 37.8832,
54.0054

■ 38.3630, 37.8832,
54.0054

■ 32.2678, 30.1431,
52.8333

■ 45.3312, 46.8260,
55.3649

■ 27.0072, 23.5494,
51.8378

■ 53.2018, 57.0151,
56.9167

■ 22.5450, 18.0482,
51.0112

■ 62.0070, 68.4979,
58.6691

■ 18.8411, 13.5797,
50.3439

■ 71.7767, 81.3177,
60.6286

■ 15.8516, 10.0780,
49.8255

■ 81.8962, 94.2304,
62.5877

■ 13.5280, 7.4695,
49.4445

■ 86.2944, 96.4977,
62.7935

■ 11.8153, 5.6697,
49.1874

■ 10.6486, 4.5770,
49.0380

■ 10.1970, 4.1831,
48.9857

Harmonies

Analogous

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



35.9740, 37.8832, 56.1206



38.3630, 37.8832, 54.0054



40.1868, 37.8832, 48.3942

Triad

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



38.3630, 37.8832, 54.0054



38.4224, 37.8832, 30.7546



31.5358, 37.8832, 41.1543

Complementary

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



38.3630, 37.8832, 54.0054



44.7036, 49.6269, 41.4071

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.



32.1272, 37.8832, 34.8431



38.3630, 37.8832, 54.0054



36.0397, 37.8832, 29.2672

Square

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



38.3630, 37.8832, 54.0054



40.2222, 37.8832, 34.9889



33.7492, 37.8832, 30.6773



32.0968, 37.8832, 48.2131

Rectangle

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



38.3630, 37.8832, 54.0054



40.7983, 37.8832, 43.7110



33.7492, 37.8832, 30.6773



31.6060, 37.8832, 38.8800

Sweetspot

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



38.3642, 37.8848, 54.0062



83.0502, 86.0209, 100.5056



41.4195, 45.8476, 55.3822



18.0113, 18.5983, 22.0258



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.



38.3642, 37.8848, 54.0062



65.4143, 63.4185, 97.0724



41.4129, 39.4565, 54.1489



9.2025, 9.3212, 11.9864



6.8355, 2.8099, 32.5750



0.3241, 0.1391, 1.2786

Inverse Universe

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



42.8086, 40.2502, 50.8621



75.2015, 68.6301, 90.0278



41.6004, 48.0271, 41.2618



9.8401, 9.6603, 11.5467



17.7730, 8.7404, 19.8961



0.7184, 0.3513, 0.8965

Previews

White Background



This preview shows how the XYZ color 38.3630, 37.8832, 54.0054 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 38.3630, 37.8832, 54.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

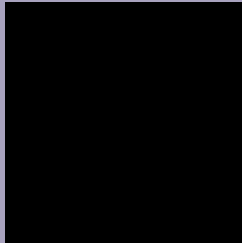
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3630, 37.8832, 54.0054

Background



This preview shows how black text looks on a background with the XYZ color 38.3630, 37.8832, 54.0054.



This preview shows how white text looks on a background with the XYZ color 38.3630, 37.8832,

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

38.3630, 37.8832, 54.0054

Protanopia

37.3774, 37.8896, 54.6336

Deuteranopia

38.6167, 37.7535, 53.9670



Tritanopia

36.9372, 37.8322, 46.9505

Trichromacy



Original Color

38.3630, 37.8832, 54.0054

Protanomaly

37.8110, 37.8485, 54.6028

Deuteranomaly

38.4013, 37.6425, 53.9570

Tritanomaly

37.4770, 37.7873, 49.5744

Monochromacy



Original Color

38.3630, 37.8832, 54.0054

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1293, 38.2209, 45.9779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3630, 37.8832, 54.0054 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(168, 162, 190)` looks like.

```
.text, #text, p{  
    color:rgb(168, 162, 190)  
}
```

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(168, 162, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 162, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.3630, 37.8832, 54.0054 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(168, 162, 190) }
```


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

```
.border{ border-color:rgb(168, 162, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 162, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 162, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 162, 190);  
box-shadow:4px 4px 4px 4px rgb(168, 162,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3630, 37.8832, 54.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 162, 190) }
```

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

```
.background{ background-color: rgb(168,  
162, 190) }
```

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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