

Converting Colors

XYZ(35.9070, 37.6054, 9.2370)

Have a look what the booklet for
XYZ(35.9070, 37.6054, 9.2370)
contains.

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Color

**XYZ(35.9070, 37.6054,
9.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A239
RGB	194, 162, 57
RGB Percent	76%, 64%, 22%
CMY	0.2392, 0.3647, 0.7765
CMYK	0.00, 0.16, 0.71, 0.24
HSL	46°, 55%, 49%
HSV	46°, 71%, 76%
XYZ	35.9070, 37.6054, 9.2370
YIQ	159.5980, 52.7770, -25.8710

Conversions

Conversions Part 2

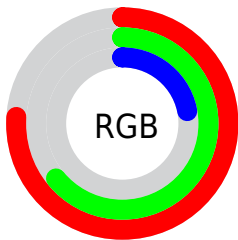
Format	Color
RYB	99, 194, 57
Decimal	12755513
CIELab	67.73, 0.55, 56.48
CIELCh	68, 56.483, 89.440
Yxy	37.6054, 0.4339, 0.4544
Android (android.graphics.Color)	4290945593 (0xFFC2A239)
YUV	159.5980, -50.5808, 30.1706
Hunter-Lab	61.3232, -2.7974, 33.9955

Details

The XYZ color **35.9070, 37.6054, 9.2370** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **14.9973, 11.9094, 52.5469**, and the grayscale version is **33.4378, 35.1791, 38.3101**.

A 20% lighter version of the original color is **68.5004, 71.8223, 25.0046**, and **16.0010, 16.6872, 2.3776** is the 20% darker color. If you saturate the color by 10%, you get **34.7289, 35.8815, 6.8958**, and if you desaturate by 10%, it is **37.3004, 39.4644, 12.5627**.

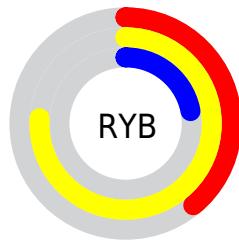
Distribution



Red (76%)

Green (64%)

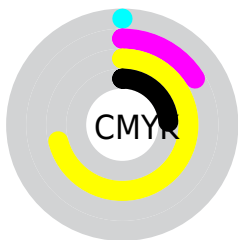
Blue (22%)



Red (39%)

Yellow (76%)

Blue (22%)

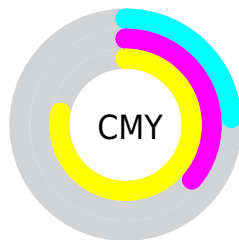


Cyan (0%)

Magenta (16%)

Yellow (71%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9070, 37.6054, 9.2370 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 35.9070, 37.6054, 9.2370 by changing the saturation by 10% instead.


 35.9070, 37.6054,
9.2370


 35.9070, 37.6054,
9.2370


319.9922,
335.9242, 195.4189


 24.5322, 25.6766,
4.7972


 68.2133, 71.5029,
24.9351

 15.8557, 16.5818,
2.0721


 89.8755, 94.2404,
37.0305


 9.5123, 9.9368,
0.5991


 115.6975,
121.3495, 52.5147

 5.1366, 5.3571,
0.0000

 146.0446,
153.2148, 71.8065

 2.3632, 2.4583,
0.0000

 181.2824,
190.2204, 95.3242

 0.8267, 0.8556,
0.0000

 221.7759,

 0.0000, 0.0000,

232.7510, 123.4865

0.0000

267.8908,
281.1908, 156.7119

■ 35.9070, 37.6054,
9.2370

■ 35.9070, 37.6054,
9.2370

■ 34.7289, 35.8815,
6.8958

■ 37.3004, 39.4644,
12.5627

■ 33.7409, 34.2777,
5.4190

■ 38.9258, 41.4612,
16.9702

■ 32.9469, 32.8670,
4.6075

■ 40.8007, 43.6048,
22.5473

■ 42.9404, 45.9016,
29.3723

■ 45.3587, 48.3578,
37.5167

■ 48.0683, 50.9788,
47.0465

■ 51.0813, 53.7699,
58.0235

■ 54.4088, 56.7359,
70.5054

■ 58.0616, 59.8817,
84.5469

Harmonies

Analogous

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



44.9723, 37.6054, 11.9374



35.9070, 37.6054, 9.2370



28.1125, 37.6054, 11.7321

Triad

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



35.9070, 37.6054, 9.2370



23.0294, 37.6054, 69.4036



52.2288, 37.6054, 70.5662

Complementary

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



35.9070, 37.6054, 9.2370



14.9973, 11.9094, 52.5469

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.



44.6422, 37.6054, 98.6838



35.9070, 37.6054, 9.2370



27.8712, 37.6054, 97.8422

Square

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



35.9070, 37.6054, 9.2370



21.4509, 37.6054, 40.4782



35.5791, 37.6054, 110.2616



55.2872, 37.6054, 41.4172

Rectangle

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



35.9070, 37.6054, 9.2370



24.4490, 37.6054, 16.9706



35.5791, 37.6054, 110.2616



50.0686, 37.6054, 80.8233

Sweetspot

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



35.9079, 37.6072, 9.2377



81.8479, 87.2841, 66.8320



25.6106, 15.1556, 11.5303



17.6443, 18.8345, 13.6815



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.



35.9079, 37.6072, 9.2377



61.8552, 63.3176, 10.7839



34.4777, 46.3267, 10.9962



10.7076, 11.3466, 10.6876



21.7268, 21.7393, 3.0510



0.9884, 1.0387, 0.1484

Inverse Universe

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



14.9973, 11.9094, 52.5469



21.9248, 14.4428, 94.1020



15.5402, 9.0586, 51.9681



9.7150, 10.1213, 12.7264



7.0800, 3.9165, 33.9394



0.3607, 0.2787, 1.4847

Previews

White Background



This preview shows how the XYZ color 35.9070, 37.6054, 9.2370 looks on a white background.

Color Contrast Check

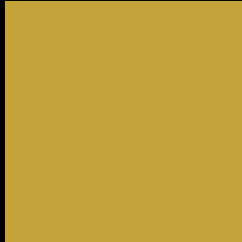
Large Text (above 18pt) WCAG AA × Fail

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 35.9070, 37.6054, 9.2370 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 35.9070, 37.6054, 9.2370

Background



This preview shows how black text looks on a background with the XYZ color 35.9070, 37.6054, 9.2370.

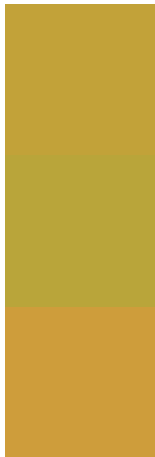


This preview shows how white text looks on a background with the XYZ color 35.9070, 37.6054,

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

35.9070, 37.6054, 9.2370

Protanopia

34.2264, 37.5300, 9.4431

Deuteranopia

38.3000, 37.5515, 9.3672



Tritanopia

42.1962, 37.6574, 39.6949

Trichromacy



Original Color

35.9070, 37.6054, 9.2370

Protanomaly

34.7782, 37.5478, 9.4174

Deuteranomaly

37.5190, 37.6583, 9.2943

Tritanomaly

39.0797, 37.3743, 24.2230

Monochromacy



Original Color

35.9070, 37.6054, 9.2370

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3333, 35.6905, 23.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9070, 37.6054, 9.2370 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(194, 162, 57)` looks like.

```
.text, #text, p{  
    color:rgb(194, 162, 57)  
}
```

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(194, 162, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 162, 57) }
```

Border

The CSS property to change the border of an element to XYZ 35.9070, 37.6054, 9.2370 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(194, 162, 57) }
```


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

```
.border{ border-color:rgb(194, 162, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 162, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 162, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 162, 57);  
box-shadow:4px 4px 4px 4px rgb(194, 162,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9070, 37.6054, 9.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 162, 57) }
```

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

```
.background{ background-color: rgb(194,  
162, 57) }
```

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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