

Converting Colors

XYZ(37.6592, 35.8601, 9.0421)

Have a look what the booklet for
XYZ(37.6592, 35.8601, 9.0421)
contains.

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Color

**XYZ(37.5882, 35.7144,
9.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	CF973B
RGB	207, 151, 59
RGB Percent	81%, 59%, 23%
CMY	0.1882, 0.4078, 0.7686
CMYK	0.00, 0.27, 0.71, 0.19
HSL	37°, 61%, 52%
HSV	37°, 71%, 81%
XYZ	37.5882, 35.7144, 9.0501
YIQ	157.2560, 62.9080, -16.7400

Conversions

Conversions Part 2

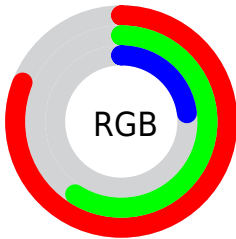
Format	Color
RYB	149, 207, 59
Decimal	13604667
CIELab	66.30, 12.26, 54.62
CIELCh	66, 55.975, 77.347
Yxy	35.7144, 0.4564, 0.4337
Android (android.graphics.Color)	4291794747 (0xFFCF973B)
YUV	157.2560, -48.4402, 43.6255
Hunter-Lab	59.7615, 7.6885, 32.8544

Details

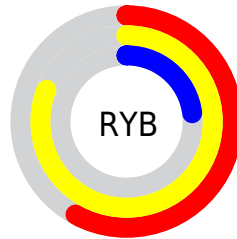
The XYZ color **37.5882, 35.7144, 9.0501** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.1966, 17.6955, 61.4350**, and the grayscale version is **32.3557, 34.0407, 37.0703**.

A 20% lighter version of the original color is **65.9406, 66.0703, 24.3163**, and **16.7699, 15.4102, 2.0906** is the 20% darker color. If you saturate the color by 10%, you get **35.9354, 33.1044, 6.3552**, and if you desaturate by 10%, it is **39.5392, 38.5805, 12.8948**.

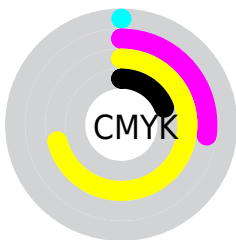
Distribution



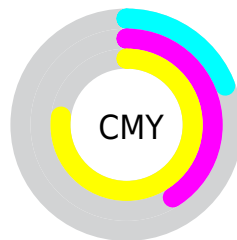
- Red (81%)
- Green (59%)
- Blue (23%)



- Red (58%)
- Yellow (81%)
- Blue (23%)



- Cyan (0%)
- Magenta (27%)
- Yellow (71%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5882, 35.7144, 9.0501 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 37.5882, 35.7144, 9.0501 by changing the saturation by 10% instead.


 37.5882, 35.7144,
9.0501


 37.5882, 35.7144,
9.0501


327.1616,
327.7105, 193.9830


 25.8390, 24.2137,
4.6766


 70.7845, 68.5910,
24.5721

 16.8353, 15.4922,
2.0034

 92.9623, 90.7357,
36.5576


 10.2117, 9.1656,
0.5574


 119.3470,
117.1972, 51.9176

 5.6029, 4.8493,
0.0000

 150.3040,
148.3599, 71.0706

 2.6435, 2.1591,
0.0000

 186.1986,
184.6082, 94.4351

 0.9682, 0.6976,
0.0000

 227.3961,

 0.0000, 0.0000,

226.3265, 122.4296

0.0000

274.2620,
273.8991, 155.4727

■ 37.5882, 35.7144,
9.0501

■ 37.5882, 35.7144,
9.0501

■ 35.9354, 33.1044,
6.3552

■ 39.5392, 38.5805,
12.8948

■ 34.5498, 30.7313,
4.6661

■ 41.8100, 41.7096,
18.0061

■ 33.5405, 28.8823,
3.8071

■ 44.4225, 45.1143,
24.4888

■ 47.3958, 48.8047,
32.4357

■ 50.7474, 52.7900,
41.9319

■ 54.4935, 57.0790,
53.0555

■ 58.6492, 61.6800,
65.8796

■ 63.2289, 66.6009,
80.4728

■ 68.2460, 71.8491,
96.8996

Harmonies

Analogous

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



46.0383, 35.7144, 13.9107



37.5882, 35.7144, 9.0501



29.3762, 35.7144, 9.4243

Triad

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



37.5882, 35.7144, 9.0501



20.8017, 35.7144, 54.2854



47.1881, 35.7144, 79.1439

Complementary

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



37.5882, 35.7144, 9.0501



19.1966, 17.6955, 61.4350

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.



38.9655, 35.7144, 101.4288



37.5882, 35.7144, 9.0501



24.1806, 35.7144, 83.5024

Square

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



37.5882, 35.7144, 9.0501



20.5569, 35.7144, 29.6527



30.5460, 35.7144, 103.2887



52.1616, 35.7144, 49.8631

Rectangle

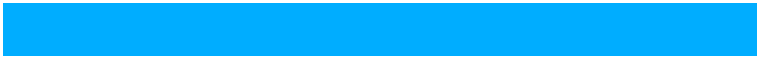
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.5882, 35.7144, 9.0501



25.1008, 35.7144, 12.5760



30.5460, 35.7144, 103.2887



44.6563, 35.7144, 88.1431

Sweetspot

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



37.5890, 35.7162, 9.0508



81.4695, 84.7659, 67.6038



30.4331, 17.6483, 18.2447



17.1022, 17.7503, 13.5008



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.



37.5890, 35.7162, 9.0508



56.3119, 50.9016, 8.5022



44.2709, 55.8541, 12.5856



12.4120, 13.0147, 12.4699



21.2258, 18.3846, 2.4299



1.2619, 1.1782, 0.1609

Inverse Universe

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



19.1966, 17.6955, 61.4350



25.3249, 20.7052, 97.2695



15.8284, 9.1807, 59.9690



11.5250, 12.1402, 14.9795



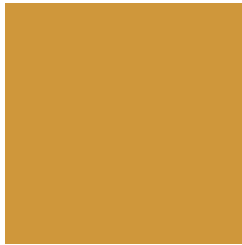
8.9110, 6.4686, 37.9714



0.5738, 0.5128, 2.1483

Previews

White Background



This preview shows how the XYZ color 37.5882, 35.7144, 9.0501 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 37.5882, 35.7144, 9.0501 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 37.5882, 35.7144, 9.0501

Background



This preview shows how black text looks on a background with the XYZ color 37.5882, 35.7144, 9.0501.



This preview shows how white text looks on a background with the XYZ color 37.5882, 35.7144,

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

37.5882, 35.7144, 9.0501

Protanopia

32.6122, 35.8918, 9.7664

Deuteranopia

36.5121, 35.6445, 8.9587



Tritanopia

42.7811, 35.7591, 34.3532

Trichromacy



Original Color

37.5882, 35.7144, 9.0501

Protanomaly

34.3044, 35.7378, 9.5049

Deuteranomaly

36.8938, 35.5993, 8.9298

Tritanomaly

40.2594, 35.4077, 21.8520

Monochromacy



Original Color

37.5882, 35.7144, 9.0501

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.8517, 33.9371, 22.9082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5882, 35.7144, 9.0501 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(207, 151, 59)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 59)  
}
```

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(207, 151, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 59) }
```

Border

The CSS property to change the border of an element to XYZ 37.5882, 35.7144, 9.0501 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(207, 151, 59) }
```


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

```
.border{ border-color:rgb(207, 151, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 59);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5882, 35.7144, 9.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 59) }
```

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

```
.background{ background-color: rgb(207,  
151, 59) }
```

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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