

Converting Colors

XYZ(35.0823, 37.1352, 2.7209)

Have a look what the booklet for
XYZ(35.0823, 37.1352, 2.7209)
contains.

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Color

**XYZ(35.5098, 37.2255,
5.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A100
RGB	196, 161, 0
RGB Percent	77%, 63%, 0%
CMY	0.2314, 0.3686, 0.9999
CMYK	0.00, 0.18, 1.00, 0.23
HSL	49°, 100%, 38%
HSV	49°, 100%, 77%
XYZ	35.5098, 37.2255, 5.3137
YIQ	153.1110, 72.5410, -42.6510

Conversions

Conversions Part 2

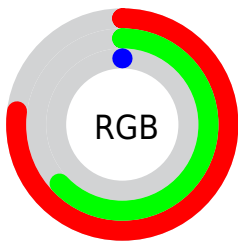
Format	Color
RYB	43, 196, 0
Decimal	12886272
CIELab	67.45, 0.43, 70.78
CIELCh	67, 70.786, 89.649
Yxy	37.2255, 0.4550, 0.4770
Android (android.graphics.Color)	4291076352 (0xFFC4A100)
YUV	153.1110, -75.4837, 37.6137
Hunter-Lab	61.0127, -2.8840, 37.5452

Details

The XYZ color **35.5098, 37.2255, 5.3137** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **10.5652, 5.1882, 52.6686**, and the grayscale version is **30.6248, 32.2196, 35.0872**.

A 20% lighter version of the original color is **66.8449, 70.3827, 16.8996**, and **15.8925, 16.4702, 2.3414** is the 20% darker color. If you saturate the color by 10%, you get **35.5101, 37.2263, 5.3138**, and if you desaturate by 10%, it is **36.2536, 38.5169, 6.1677**.

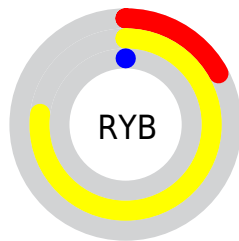
Distribution



Red (77%)

Green (63%)

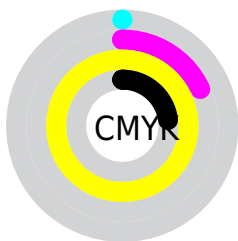
Blue (0%)



Red (17%)

Yellow (77%)

Blue (0%)

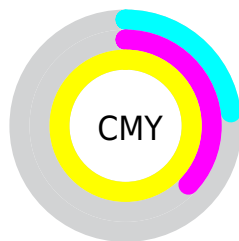


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5098, 37.2255, 5.3137 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 35.5098, 37.2255, 5.3137 by changing the saturation by 10% instead.

■ 35.5098, 37.2255,
5.3137

■ 35.5098, 37.2255,
5.3137

318.2816,
334.2858, 161.8670

■ 24.2242, 25.3821,
2.3705

■ 67.6036, 70.9195,
16.9412

■ 15.6256, 16.3620,
0.7703

■ 89.1425, 93.5389,
26.4627

■ 9.3488, 9.7807,
0.0000

■ 114.8299,
120.5191, 39.0140

■ 5.0283, 5.2538,
0.0000

■ 145.0312,
152.2444, 55.0137

■ 2.2988, 2.3969,
0.0000

■ 180.1116,
189.0994, 74.8803

■ 0.7941, 0.8243,
0.0000

■ 220.4366,

■ 0.0000, 0.0000,

231.4684, 99.0323

0.0000

266.3715,
279.7357, 127.8884

35.5098, 37.2255,
5.3137

35.5098, 37.2255,
5.3137

35.5101, 37.2263,
5.3138

36.2536, 38.5169,
6.1677

37.1380, 39.8906,
7.6805

38.2077, 41.3662,
10.0833

39.4856, 42.9532,
13.4957

40.9909, 44.6594,
18.0187

■ 42.7405, 46.4918,
23.7410

■ 44.7499, 48.4567,
30.7424

■ 47.0329, 50.5600,
39.0957

■ 49.6024, 52.8069,
48.8683

Harmonies

Analogous

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



47.0216, 37.2255, 7.7226



35.5098, 37.2255, 5.3137



26.0213, 37.2255, 7.6019

Triad

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



35.5098, 37.2255, 5.3137



20.1552, 37.2255, 77.9152



56.6432, 37.2255, 78.9004

Complementary

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



35.5098, 37.2255, 5.3137



10.5652, 5.1882, 52.6686

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.



46.7543, 37.2255, 117.9262



35.5098, 37.2255, 5.3137



25.8412, 37.2255, 117.1811

Square

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



35.5098, 37.2255, 5.3137



18.3338, 37.2255, 40.1670



35.2540, 37.2255, 134.6187



60.6517, 37.2255, 40.8997

Rectangle

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



35.5098, 37.2255, 5.3137



21.7302, 37.2255, 12.8259



35.2540, 37.2255, 134.6187



53.8087, 37.2255, 92.9177

Sweetspot

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



35.5106, 37.2273, 5.3144



80.8824, 87.6069, 55.0300



23.0825, 11.8630, 2.7380



16.9680, 18.4199, 10.5641



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.



35.5106, 37.2273, 5.3144



64.1556, 67.0912, 9.5685



29.5614, 44.5427, 7.0400



10.7555, 11.4425, 10.7036



22.8740, 24.0339, 3.4334



1.0293, 1.1203, 0.1620

Inverse Universe

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



10.5652, 5.1882, 52.6686



19.0088, 9.1376, 95.3696



11.9553, 5.0125, 52.5614



9.6705, 10.0324, 12.7116



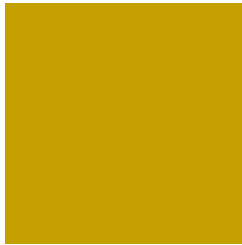
6.8339, 3.4242, 33.8574



0.3409, 0.2391, 1.4781

Previews

White Background



This preview shows how the XYZ color 35.5098, 37.2255, 5.3137 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 35.5098, 37.2255, 5.3137 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 35.5098, 37.2255, 5.3137

Background



This preview shows how black text looks on a background with the XYZ color 35.5098, 37.2255, 5.3137.

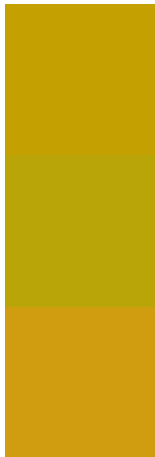


This preview shows how white text looks on a background with the XYZ color 35.5098, 37.2255,

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

35.5098, 37.2255, 5.3137

Protanopia

33.7487, 37.3669, 5.6635

Deuteranopia

37.9944, 37.2242, 5.6727



Tritanopia

42.5162, 37.3650, 38.6895

Trichromacy



Original Color

35.5098, 37.2255, 5.3137

Protanomaly

34.5381, 37.5090, 5.5632

Deuteranomaly

37.1835, 37.3130, 5.5295

Tritanomaly

38.3110, 36.6271, 17.6209

Monochromacy



Original Color

35.5098, 37.2255, 5.3137

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4083, 33.0750, 16.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5098, 37.2255, 5.3137 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(196, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 0)  
}
```

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(196, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.5098, 37.2255, 5.3137 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(196, 161, 0) }
```


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

```
.border{ border-color:rgb(196, 161, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 161, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5098, 37.2255, 5.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 0) }
```

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

```
.background{ background-color: rgb(196,  
161, 0) }
```

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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