

Converting Colors

XYZ(37.4973, 36.7256, 5.3422)

Have a look what the booklet for
XYZ(37.4973, 36.7256, 5.3422)
contains.

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Color

**XYZ(37.4973, 36.7256,
5.3422)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CF9B08 |
| RGB | 207, 155, 8 |
| RGB Percent | 81%, 61%, 3% |
| CMY | 0.1882, 0.3921, 0.9686 |
| CMYK | 0.00, 0.25, 0.96, 0.19 |
| HSL | 44°, 93%, 42% |
| HSV | 44°, 96%, 81% |
| XYZ | 37.4973, 36.7256, 5.3422 |
| YIQ | 153.7900, 78.1790, -34.6930 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 78, 207, 8 |
| Decimal | 13605640 |
| CIELab | 67.07, 8.65, 70.01 |
| CIELCh | 67, 70.540, 82.958 |
| Yxy | 36.7256, 0.4713, 0.4616 |
| Android (android.graphics.Color) | 4291795720 (0xFFCF9B08) |
| YUV | 153.7900, -71.8745, 46.6652 |
| Hunter-Lab | 60.6017, 4.3941, 37.1946 |

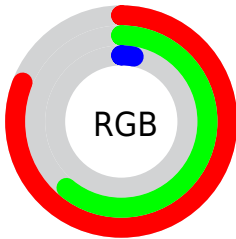
Details

The XYZ color **37.4973, 36.7256, 5.3422** 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 **12.9790, 7.7893, 59.8504**, and the grayscale version is **30.9059, 32.5154, 35.4092**.

A 20% lighter version of the original color is **65.4156, 67.4110, 16.7716**, and **16.9829, 16.1037, 2.2132** is the 20% darker color. If you saturate the color by 10%, you get **37.1086, 36.0187, 4.9965**, and if you desaturate by 10%, it is **38.5930, 38.6382, 6.5679**.

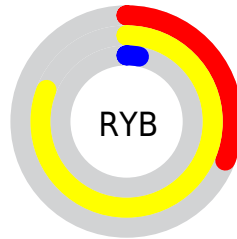
Distribution



Red (81%)

Green (61%)

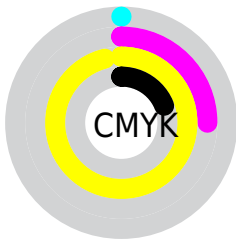
Blue (3%)



Red (31%)

Yellow (81%)

Blue (3%)

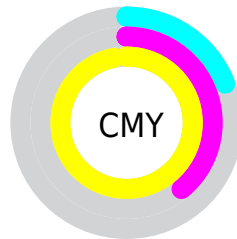


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (19%)



Cyan (19%)


Magenta (39%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4973, 36.7256, 5.3422 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 37.4973, 36.7256, 5.3422 by changing the saturation by 10% instead.


 37.4973, 36.7256,
5.3422


 37.4973, 36.7256,
5.3422


326.7768,
332.1210, 162.1446


 25.7682, 24.9951,
2.3872


 70.6459, 70.1506,
17.0029

 16.7821, 16.0734,
0.7795


 92.7960, 92.6138,
26.5457

 10.1736, 9.5761,
0.0000


 119.1506,
119.4234, 39.1215

 5.5773, 5.1188,
0.0000

 150.0749,
150.9638, 55.1489

 2.6280, 2.3172,
0.0000

 185.9343,
187.6194, 75.0464

 0.9603, 0.7828,
0.0000

 227.0942,

 0.0000, 0.0000,

229.7745, 99.2324

0.0000

273.9199,
277.8136, 128.1257

37.4973, 36.7256,
5.3422

37.4973, 36.7256,
5.3422

37.1086, 36.0187,
4.9965

38.5930, 38.6382,
6.5679

39.8992, 40.6988,
8.7046

41.4478, 42.9225,
11.9137

43.2636, 45.3200,
16.3231

45.3677, 47.9006,
22.0426

■ 47.7792, 50.6726,
29.1695

■ 50.5153, 53.6436,
37.7919

■ 53.5916, 56.8207,
47.9906

■ 57.0229, 60.2105,
59.8407

Harmonies

Analogous

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



48.8673, 36.7256, 8.9381



37.4973, 36.7256, 5.3422



27.4621, 36.7256, 6.5269

Triad

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



37.4973, 36.7256, 5.3422



19.1481, 36.7256, 67.7446



54.0985, 36.7256, 87.1833

Complementary

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



37.4973, 36.7256, 5.3422



12.9790, 7.7893, 59.8504

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.



43.5877, 36.7256, 122.7922



37.4973, 36.7256, 5.3422



23.8955, 36.7256, 108.1165

Square

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



37.4973, 36.7256, 5.3422



18.1743, 36.7256, 33.1732



32.4380, 36.7256, 131.9568



59.6451, 36.7256, 47.6774

Rectangle

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



37.4973, 36.7256, 5.3422



22.6508, 36.7256, 10.4609



32.4380, 36.7256, 131.9568



50.9371, 36.7256, 100.6862

Sweetspot

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



37.4981, 36.7274, 5.3429



79.4882, 84.4034, 55.8450



26.6633, 13.7770, 5.6798



16.6105, 17.6270, 10.6852



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.



37.4981, 36.7274, 5.3429



59.3023, 57.3846, 7.9508



36.9679, 52.1753, 8.3526



12.5311, 13.2530, 12.5097



23.4607, 22.8544, 3.1748



1.3743, 1.4029, 0.1984

Inverse Universe

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



12.9790, 7.7893, 59.8504



20.0352, 11.1905, 95.7117



12.8947, 5.4756, 59.4083



11.4113, 11.9128, 14.9416



7.9957, 4.6379, 37.6663



0.5126, 0.3903, 2.1279

Previews

White Background



This preview shows how the XYZ color 37.4973, 36.7256, 5.3422 looks on a white background.

Color Contrast Check

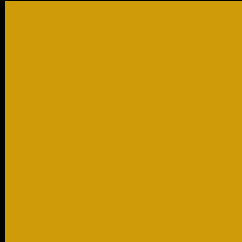
Large Text (above 18pt) WCAG AA × Fail

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 37.4973, 36.7256, 5.3422 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 37.4973, 36.7256, 5.3422

Background



This preview shows how black text looks on a background with the XYZ color 37.4973, 36.7256, 5.3422.

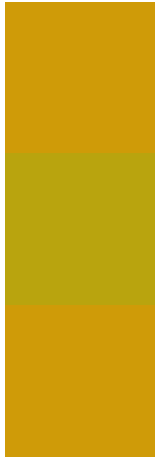


This preview shows how white text looks on a background with the XYZ color 37.4973, 36.7256,

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

37.4973, 36.7256, 5.3422

Protanopia

33.3623, 36.8969, 5.7789

Deuteranopia

37.4973, 36.7256, 5.3422



Tritanopia

43.6212, 36.6092, 35.7775

Trichromacy



Original Color

37.4973, 36.7256, 5.3422

Protanomaly

34.8035, 36.8537, 5.6270

Deuteranomaly

37.4973, 36.7256, 5.3422

Tritanomaly

39.8521, 35.9880, 17.4163

Monochromacy



Original Color

37.4973, 36.7256, 5.3422

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1381, 32.9350, 17.0279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4973, 36.7256, 5.3422 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, 155, 8)` looks like.

```
.text, #text, p{  
    color:rgb(207, 155, 8)  
}
```

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, 155, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 155, 8) }
```

Border

The CSS property to change the border of an element to XYZ 37.4973, 36.7256, 5.3422 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, 155, 8) }
```


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

```
.border{ border-color:rgb(207, 155, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 155, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 155, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 155, 8);  
box-shadow:4px 4px 4px 4px rgb(207, 155,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4973, 36.7256, 5.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 155, 8) }
```

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

```
.background{ background-color: rgb(207,  
155, 8) }
```

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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